



**Myanmar Integrated Biological and Behavioural
Surveillance Survey &
Population Size Estimates among
Female Sex Workers (FSW)
2019**

National AIDS Programme
Department of Public Health
Ministry of Health
Myanmar

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ACRONYMS AND ABBREVIATIONS

AIDS	Acquired Immunodeficiency Syndrome
FSW	Female Sex Workers
HBV	Hepatitis B Virus
HCV	Hepatitis C Virus
HIV	Human Immunodeficiency Virus
HSS	HIV Sentinel Surveillance
ID	Identifier
IBBS	Integrated Biological and Behavioural Survey
IRB	Institutional Review Board
KP	Key Population
MoH	Ministry of Health
MMK	Myanmar MMK
NAP	National Aids Programme
NGO	Non-Governmental Organization
ODK	Open Data Kit
PEP	Post-exposure Prophylaxis
PrEP	Pre-exposure Prophylaxis
PSE	Population Size Estimates
PWID	People Who Inject Drugs
RDS	Respondent Driven Sampling
RDS-A	Respondent Driven Sampling Analyst
STI	Sexually Transmitted Infection
UPC	Unique Participant Code
UNAIDS	The Joint United Nations Programme on HIV/AIDS

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EXECUTIVE SUMMARY

This report presents the results of the 2019 Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) in Myanmar and population size estimates (PSE). The current survey is the third IBBS among FSW completed by the National AIDS Programme (NAP) and included a total of 11 select sites, making it the largest IBBS among this key population to be conducted in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW; 2) assess HIV-related knowledge and attitudes among FSW; 3) estimate progress towards the 95-95-95 targets of the HIV care cascade among FSW living with HIV; and 4) estimate the population size of FSW in the survey cities, with extrapolation to state/regional and national levels in Myanmar. Findings of this survey and PSE will provide critical inputs for informing HIV programming for FSW in Myanmar and tracking the progress of epidemic response.

The IBBS utilized respondent-driven sampling (RDS), a chain referral recruitment method designed to obtain a representative sample of hidden or hard-to-reach populations including FSW. In order to be eligible for survey participation, candidates were required to be biologically female, age 15-49 years, currently living in the survey township/city, and able to speak the Myanmar language and must have exchanged sexual intercourse for money, goods or services in the past 12 months.

Overall, over half of FSW were under the age of 30, were currently married or had previously been married and had some formal education. Sex work typology in this survey was categorized based on the locations where FSW found clients most often. The following categories were used: venue, referring to FSW who find clients at established venues such as brothels; street, referring to FSW who find clients at street locations; and hidden, which refers to FSW who find clients via the internet or other indirect sources. Generally, most FSW in the current IBBS were venue-based sex workers, followed by street and hidden, respectively.

HIV prevalence was 8.2% overall and was lower than the HIV prevalence rates observed in the 2015 IBBS in all sites included in both surveys. HIV prevalence was notably high in Yangon (17.8%) and was similar when compared to results of the 2015 IBBS. Appreciable changes in HIV prevalence were observed in Yangon and Mandalay, which each showed a decrease of approximately 8%. While this indicates progress in HIV prevention for FSW in Myanmar, HIV prevalence among this key population remains well above that of the general female population (15-49 years) in Myanmar, which is 0.6% according to the 2019 UNAIDS estimate.

The 2019 IBBS highlighted both progress and gaps in the HIV care cascade for FSW in Myanmar. While over 91% of HIV-positive FSW that were aware of their status had been linked to care (2nd 95 target), only 65% of HIV-positive FSW were aware of their status (1st 95 target) and only 59% who were linked to care were virally suppressed (3rd 95 target). This under scores the need for ongoing efforts to improve awareness of HIV status and treatment outcomes for FSW living with HIV.

Several additional key findings underscore transmission risks specific to FSW. A large proportion of FSW were under the age of 25, highlighting the need for HIV prevention programs targeting young FSW. Additionally, 30% of participants reported that they did not always use a condom with clients in the past

month and over 60% of FSW were unable to negotiate condom use when a client did not want to use a condom in the past 6 months. Increases in rates of condom use at last sex with a client between the previous and current survey indicate that current condom outreach practices may be effective; however, continued efforts are needed to ensure high rates of condom use with clients and effective condom negotiation practices. Furthermore, condomless sex with non-client partners may be an important risk factor for FSW, as only 25% of FSW overall used a condom at last sex with a regular male partner.

While most participants had ever received information on HIV/AIDS, fewer than half of FSW demonstrated comprehensive HIV knowledge, underlining the need for HIV messaging and education tailored to FSW. Results also show that only 65% of FSW had ever tested for HIV overall, suggesting a need for improved HIV testing outreach for FSW. Furthermore, a large proportion of FSW reported that they had not tested for HIV within the last 6 months, indicating that many FSW may not be routinely engaged in testing services.

Approximately one-third of FSW had experienced STI symptoms in the year preceding survey participation. However, less than 50% of those who reported symptoms had sought care. FSW most commonly reported seeking care for STI symptoms at private hospitals, clinics or GPs as well as NGO clinics. Though STI testing and treatment services are available at STD team, expanding STI testing at other points of service and mobile testing sites may help improve STI treatment access and uptake among FSW.

Through group consensus sessions, township scoring methods and machine learning modelling, population size estimates were generated for FSW by IBBS survey site and national states/regions. Overall, the PSE for reachable FSW in Myanmar was 75,000. This corresponds to 0.5% of the adult female population.

Findings of the 2019 IBBS among FSW and PSE affirm the importance of including targeted programs for FSW in efforts to control the HIV epidemic in Myanmar. Results of this survey provide critical information needed to inform HIV prevention, strengthen linkage to care, and improve treatment outcomes for FSW. IBBS data can be used in conjunction with program data and other surveillance data in order to obtain the most accurate understanding of the HIV epidemic among FSW in Myanmar.

1. INTRODUCTION AND BACKGROUND

1.1. HIV epidemic in Myanmar

Myanmar's population in 2019 was 54.3 million¹. HIV prevalence among adults (persons aged ≥ 15 years) in Myanmar was estimated to be 0.58% (240,000 people) in 2019². Alarming however, a much higher HIV prevalence has been concentrated among key population (KP) groups including people who inject drugs (34.9%; 2017 IBBS)³, female sex workers (FSW)(14.6%, 2015 IBBS)⁴ and men who have sex with men (MSM)(11.6%, 2015 IBBS)⁵. Approximately 70% of new HIV infections in Myanmar in 2019 were estimated to occur among key populations, including clients of female sex workers⁶. Sex work is highly stigmatized, making it challenging for services and research to reach these key populations.

1.2. HIV epidemic and surveillance among female sex workers

The first Integrated Biological and Behavioural Survey (IBBS) among FSW was conducted in 2009 and is regularly conducted among key populations every 3-4 years, with the previous IBBS among FSW having been conducted in 2015. Results of the 2015 IBBS showed that HIV prevalence among FSW was highest in cities and surpassed 10% in other townships (excluding Monywa). HIV prevalence among sex workers was highest in Yangon (24.6%) across all sex worker types, followed by visible (disclosed) sex workers in Mandalay (13.7%)⁴. Notably, HIV prevalence among those engaging in sex work for one year or less was quite high, at 17% in Mandalay and 10% in Pyay, implying a high rate of new infections in those areas⁴. Geographic analysis of sex work suggests that there are greater numbers of disclosed and non-disclosed sex workers in large cities, while smaller cities had more non-disclosed sex workers/women engaging in sex work. The proportion of non-disclosed sex workers ranges from 11% to 33% across large and small cities but has been increasing in large cities since 2007.

The 2015 FSW IBBS results also highlighted the gaps that still exist in comprehensive HIV knowledge and service utilization. Although more than three quarters of all respondents are aware that there is a treatment for HIV and AIDS, less than two-thirds had comprehensive knowledge of modes of HIV transmission and methods of prevention⁴. As per 2016 estimates and projections using programmatic and behaviour data inputs, coverage of HIV prevention services only reached 52% of the total estimated FSW population and the HIV testing rate among FSW was only 45%⁴. In addition, hidden sex workers are particularly vulnerable because information and services do not readily reach them. Oftentimes, non-disclosed sex workers are also more difficult to reach with HIV programming. With the diverse set of risk behaviours based on both sex worker typology and geographic location, there is a critical need for different approaches to HIV prevention that adapt to the needs of subgroups within the larger FSW population.

2. METHODS

2.1. Objectives

This report presents the results of the 2019 IBBS among FSW in 11 selected sites in Myanmar and population size estimations. The overall objectives of the survey were to:

1. Estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW;

2. Assess HIV-related knowledge and attitudes among FSW;
3. Estimate progress towards the 95-95-95 targets of the HIV care cascade (diagnosis, linkage, antiretroviral treatment and viral load suppression) among FSW living with HIV;
4. Estimate the population size of FSW in the survey cities, with extrapolation to state/regional and national levels in Myanmar.
5. Monitor temporal changes in HIV/STI prevalence and key behavioural indicators using the previous (2015) IBBS findings.

2.2. Pre-survey exploratory visits

Exploratory visits were conducted prior to IBBS implementation to inform survey logistics and respondent-driven sampling (RDS) planning. The exploratory visits helped determine the appropriate number of RDS Centres, RDS Centre hours, characteristics for seed selection, elements of the Unique Participant Code (UPC), compensation amount and service providers that can provide psycho-social support to FSW. A training on how to conduct formative assessment was provided in June 2019 and the formative assessment in all the potential IBBS sites was conducted during Jun – July 2019. Each formative assessment group was consisted of central and regional NAP officials, people from technical organizations (UNAIDS, WHO, UNOPS, ICAP, and CPI).

During the visits, service data availability and quality was also assessment to be used in service multiplier PSE method.

A formative assessment dissemination meeting was conducted in July 2019 and organizations to conduct UO distribution, organizations to use for service multiplier, location of RDS center, incentive money amount, seed selection and date of advocacy meetings were determined for each IBBS sites.

2.3. Survey sites and staff

The survey was conducted in a house or apartment that was easy for participants to find, easy to access and affordable to reach. Potential survey participants were invited to come to this venue, called the “RDS Centre”. In addition to being easily accessible, RDS centres were also quiet and private to ensure participants’ confidentiality, to limit distractions and avoid possible stigma and discrimination. RDS Centres were spacious enough to allow multiple private interviews to take place at the same time and for completed questionnaires to be kept out of sight of other participants and staff members who were not cleared to access confidential data.

Each RDS Centre was staffed by a team of people who performed different roles with specific tasks. Each team was composed of:

- One site manager
- One screener
- One coupon manager
- Two interviewers
- One nurse or lab technician

In addition, each of the survey sites (i.e., city or town) had a NAP official whose role was to oversee, support and monitor the whole RDS team through the site manager. . Depending on the site, this role was performed by the NAP AIDS/STI Regional Officer or Team Leader or by the Township Medical Officer with support from the NAP Team at central level in Nay Pyi Taw. Before survey data collection started, a week-long training was held for all RDS team members simultaneously, outlining IBBS and PSE aims, methods and procedures.. In this training, breakout sessions were provided for each type of RDS team members, screener, coupon manager, interviewers, nurse/lab tech and site manager.

2.4. Study population

To participate in the survey, candidates had to meet all of the following criteria:

- Biologically female
- Exchanged sexual intercourse for money, goods or services in the past 12 months
- Age 15-49 years
- Currently living or working in the survey township/city
- Speaks the Myanmar language
- Able to provide verbal informed consent
- Willing to participate
- In possession of a valid recruitment coupon

2.5. Study sites and sample size

The 2015 IBBS among FSW included five sites: Yangon, Mandalay, Monywa, Patheingyi and Pyaw. In 2019, six additional survey sites were added for FSW, including: Bago, Magway, Meiktila, Lashio, Pakkoku and Taunggyi. These additional survey sites for FSW were selected based on the high volume of KPs identified through prevention services and programmatic mapping conducted by NAP and non-government organizations (NGOs).

Using data from the 2015 IBBS among FSW data, the sample size required to estimate the proportion who tested for HIV in the last year and received the result was calculated

, using a design effect of 2 and a margin of error of 10% applied to each city. Sample size calculations were performed using the formula below:

$$\frac{N * p * (1 - p)}{\left(\frac{d}{\sqrt{DEFF}} \right)^2} * (N - 1) + p * (1 - p)$$

$Z_{(1-\frac{\alpha}{2})}^2$

This formula does not allow the sample size to exceed the size of the finite population for very large design effects.

DEFF Design effect =2

N Population size (from previous IBBS PSE)

- P Anticipated frequency (0 to 1)
 D Margin of error (0 to 1) or precision
 Z Z value for type I error - two sided (for $\alpha = 0.05$, we used $z=1.96$)

Table 1. Sample size for FSW assuming a DEFF=2 and precision=5%

Survey site	Estimated P %	2015 PSE	Best (using PSE)
Bago	44.6	1203	466
Magway	44.6	649	351
Mandalay	59.7	5277	649
Meiktila	44.6	589	332
Monywa	44.6	1406	494
Lashio	76.8	1184	414
Pakkoku	44.6	537	315
Pathein	42.2	1541	505
Pyay	73.6	675	318
Taunggyi	75.4	1241	391
Yangon	44.0	7160	685
Total			4802

2.6. Recruitment and sampling

The IBBS used RDS, a method selected for its effectiveness in sampling hidden populations that are hard to reach with other sampling methods. RDS has been effectively used in Myanmar and many other countries to recruit members of groups at high risk for HIV.

RDS is a chain referral sampling method that, if applied correctly, produces data representative of the network of the population from which the samples were drawn⁸. Uptake in the survey started with a small number of purposively selected members of the study population. After participating in the survey, these initial respondents, called “seeds” were each asked to recruit 3 peers (i.e. other eligible survey participants) to take part in the survey. Successfully recruited peers repeated the process of participating and then recruited others until the desired sample size was reached. Participants were provided a primary travel cost compensation for completing the survey process, the amount of which varied by site: (5,000 Myanmar MMK [MMK] for Monywa, Pyay, Magway, Pakkoku, Meiktila, Taunggyi, and Bago; 6,000 MMK for Mandalay, Pathein, and Lashio; and 8,000 MMK for Yangon). Participants subsequently received a secondary compensation of 2,000 MMK for each peer they recruited (maximum of three) who enrolled and completed the survey.

Weekly monitoring of recruitment during data collection helped to identify non-productive seeds. Additional seeds were added as needed. Coupons included information on enrolment as well as the address, opening hours and contact details of the local RDS Centre. Coupons were coded in a way that allowed the linking of recruiters to their recruits. Each coupon was valid for two weeks, during which recruiters were expected to pass their coupon(s) to a peer who would, in turn, enrol in the survey.

2.7. Study procedures

Potential participants reporting to the survey site were screened for eligibility and asked to provide verbal informed consent. They completed an interviewer-administered, tablet-based questionnaire, received HIV pre- and post-test counselling and provided a specimen for rapid HIV testing, rapid HCV testing, rapid HBV testing and rapid syphilis testing.

Any participant testing positive for HIV was referred for confirmatory testing and treatment. All persons presenting to the survey site were offered condoms and risk reduction materials, regardless of participation.

Survey participants returned to the RDS Centre to receive a secondary compensation after the period of coupon validity (two weeks) or earlier, if they were certain that all peers they had recruited had enrolled and completed the survey (making recruiters eligible for secondary compensation). The number of coupon recipients who did not present within the two-week window were enumerated for each site. Non-response rate was then be calculated to assess FSW interest in participating in the survey and was used as an indicator of survey quality.

2.8. Population Size Estimation Methods

The whole process of population size estimation calculation went through two major steps: the first part was to get FSW PSE for each IBBS sites and township rating through large group consensus, and the second part was calculation of the national FSW PSE by core calculation team.

To achieve large group consensus, the National AIDS Program organized a large PSE workshop virtually. There were nearly 200 participants covering a variety of expertise areas including NAP officials, representatives from technical and implementing partners, and key populations from community networks from central and sub-national levels. The same large group was organized again to validate the sub-national and national PSE calculation results.

All the participants were divided into five groups, each group containing the government, I/NOGs and key populations representatives who had the best knowledge of local situation on HIV and key populations for their respective geographical area.

Based on the group work consensus results on FSW PSE for each IBBS sites and township rating scale, the PSE core team consisted of NAP and technical and implementing partners continued working on calculation of national FSW PSE calculation.

Detailed steps in national PSE calculation were as follows:

Through large group consensus:

- PSE consensus for IBBS sites
- Township rating
- Validation of sub-national and national PSE calculation results (after calculation)

Calculation by core group:

- Township level split of PSE for large cities
- Existing data review

- Modeling population size for each township
- Checking and adjustment of outlier values

The details of National PSE calculation methodologies and estimates by States and Regions are presented in Annex 7.2.

2.9. Data management

Encrypted tablets were used for data collection during the survey. Survey data was directly entered by the interviewer into tablets programmed in CSPro language. Survey data for laboratory results and questions asked in second time visit to collect secondary incentives were also directly entered into tablets programmed in CSPro. Data from screening questions were also directly entered into tablet (CSPro) and the screener got automatic assessment of the eligibility after answering all the questions.

To ensure quality of data, data entry checks and skip patterns were programmed into the tablets and verification of completeness and internal consistency was performed. Electronic data was sent to an encrypted web-based server on a regular basis and then downloaded for management and analyses.

All survey tablets, computers, flash drives external hard drives and the web-based server containing electronic databases were encrypted and password protected. Rapid HIV test results were recorded on the HIV test log and maintained in an electronic data management file, which was subsequently merged with survey data for analyses.

Management of codes from both survey results and HIV test results were performed by the survey coordinator and coupon manager on a daily basis. The team used RDS Coupon Manager for data management. RDS Coupon Manager is used to track referral processing and coupons; UPC was used to 1) identify duplicate participants, 2) confirm correct ownership of a peer recruitment coupon), and 3) re-establish the peer recruitment coupon of participants who presented themselves for follow-up without a coupon. The coupon manager entered coupon data into the Paper-based coupon tracking form and data entry into Coupon Management software in tablet programmed using JAVA based user interface and MySQL Relational Database Management Systems on a daily basis, which was uploaded daily to the secure server.

Continuous quality checks were performed by survey monitoring team consisted of trained personnel from NGOs -CPI and Pyi Gyi Khin to ensure that code numbers were recorded properly for each participant. Merging of data sources (i.e., the laboratory and survey responses) was conducted under the supervision of the investigators and data manager.

2.10. Data analysis

Data in each database were verified and cleaned and then imported into RDS Analyst (RDS-A) Version 7.1 to create sampling weights, which were applied to prevalence estimates and other data analysis. RDS-A facilitates four sampling weight computing tools that utilize estimated population size and/or reported network size to calculate sampling probability of each participant in the study. We adopted RDS II weights because of its proven robustness and convenience (it does not require known population sizes while other tools do). The 11 data sets including weight variables were saved and imported into SAS 9.4 respectively and then merged together for data analysis. PROC SURVEYFREQ procedure was used to calculate all population proportions and 95% confidence intervals with RDS II weight adjustment. PROC SURVEYMEANS procedure was used to calculate the mean and median for continuous variables with RDS

II weight adjustment. In addition, the prevalence estimates for 11 sites combined were adjusted for site cluster effect.

All results presented in this report are population proportion (instead of sample proportion) unless indicated otherwise. Participants with responses of 'don't know' or 'no answer' are included in the denominator for proportion calculation, unless noted as otherwise. Comparison data from the 2015 IBBS among FSW is shown for HIV prevalence, the HIV care cascade and other select variables.

2.11. Ethical considerations

Ethical considerations were duly taken to protect study participants since they constitute a socially marginalized and highly stigmatized population. This study protocol was approved by the Myanmar Ethics Review Committee in the Department of Medical Research, Ministry of Health (MOH) and the Columbia University Medical Center Institutional Review Board (IRB).

Every effort was made to protect participant privacy and confidentiality. To safeguard confidentiality, each participant was assigned a unique survey ID, which was the only identifier on data collection forms and specimens. All survey files, when not in use during interview or as previously described, were kept in the locked file cabinet in the survey site office. Following data collection completion, the files were transferred and stored in a locked file cabinet in NAP offices. All computer files were identifiable only by the participant's code number. Participants' names were never used and test results were not shared with authorities.

3. SURVEY FINDINGS

3.1. Sample size and network characteristics

The actual sample size by site, recruitment and waves are presented in Table 2.

Table 2. Recruitment pattern, number of waves and sample size by survey site

Survey site	Number of seeds	Maximum number of waves	Sample Size
Bago	6	14	466
Magway	3	15	193
Mandalay	5	19	355
Meiktila	4	14	656
Monywa	4	17	350
Lashio	6	12	504
Pakkoku	4	15	350
Pathein	6	12	506
Pyay	4	11	373
Taunggyi	8	17	421
Yangon	8	14	717
Total	58	19	4891

3.2. Socio-demographics

Age

Overall, the median age of FSW was 30 years and ranged from 25 years in Meiktila to 34 in Yangon. For sites that were included in both the 2015 and 2019 IBBS, the median age of FSW was generally similar across both surveys. The distribution of age was nearly even across age categories overall, with the exception of those aged 15-19 years, for which the percentage was small (6.9%). The majority of FSW were between 20 and 29 years of age in all sites. The percentage of FSW over 40 years of age was 17.3% overall but was higher in Pakkoku (27.8%) and Yangon (29.4%).

The overall percentage of FSW under 25 years of age was 26.5% and ranged from 16.6% in Yangon to 46.4% in Meiktila. No appreciable differences in the proportion of FSW under the age of 25 were observed when comparing the 2015 and 2019 surveys.

Figure 1. Median age of FSW

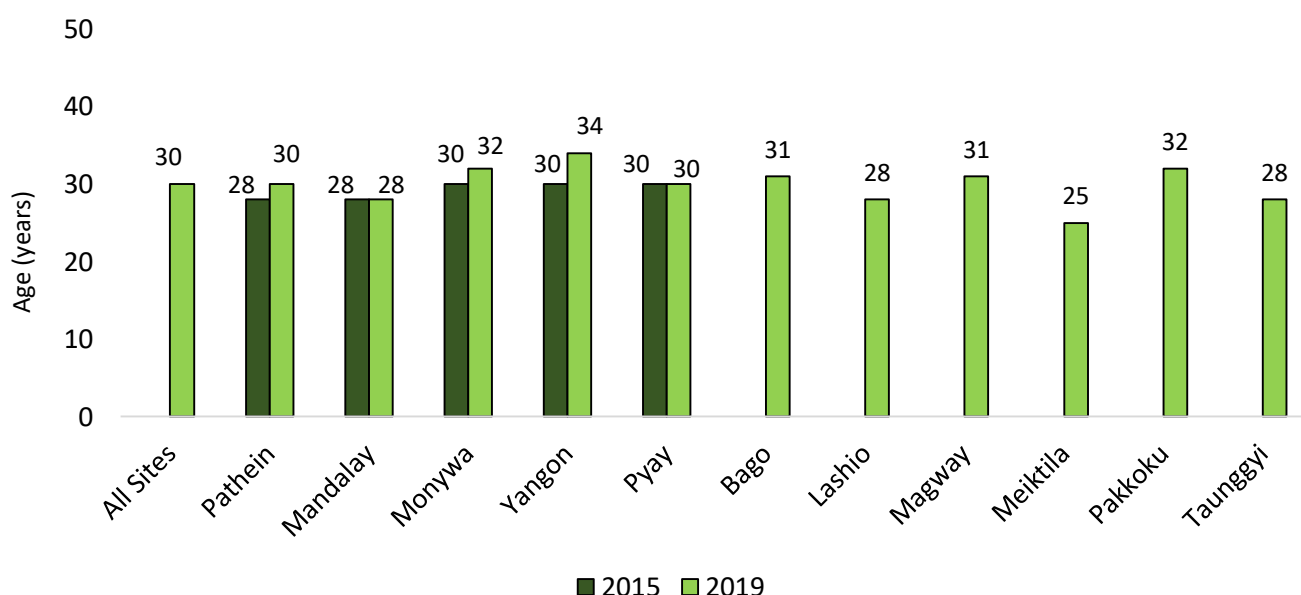
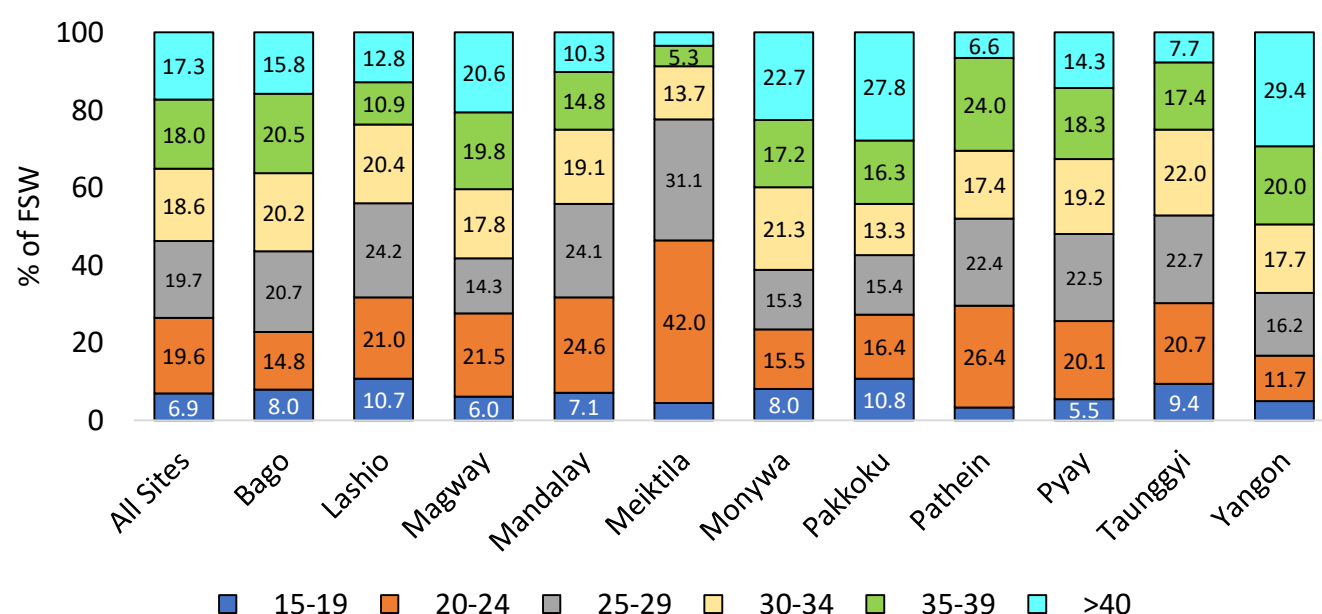
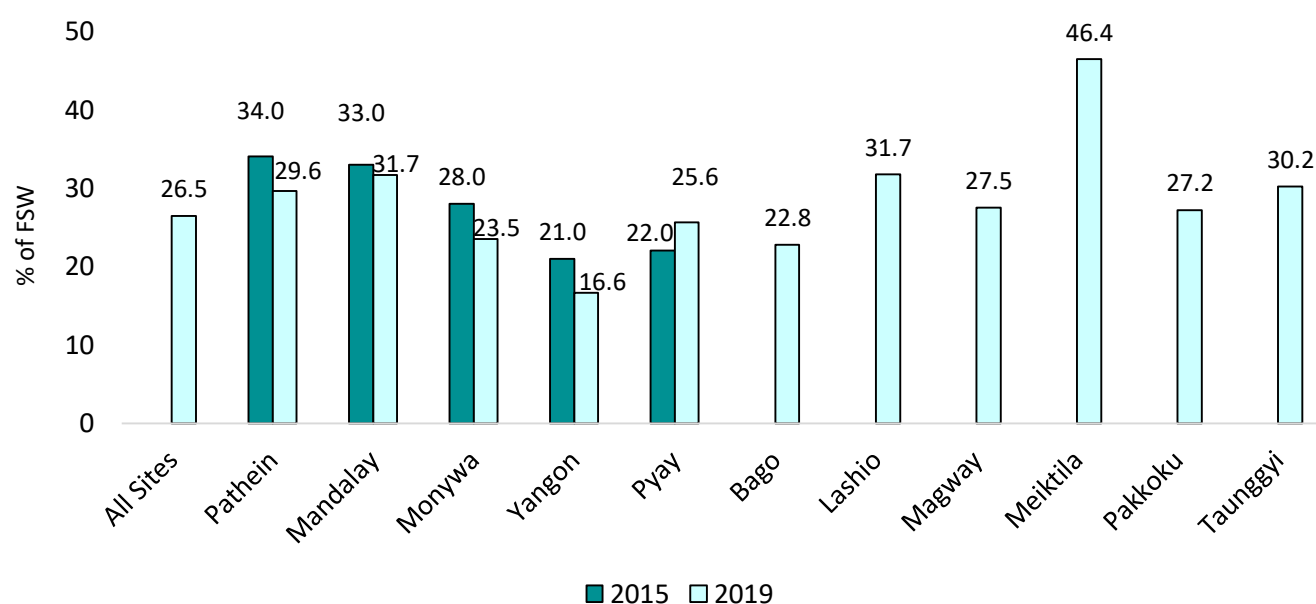


Figure 2. Age Distribution of FSW

Figure 3. Percent of FSW less than 25 year of age


Residency in township

Overall, the median duration of township residency was 21 years and ranged from 1 year in Lashio to 29 years in Monywa and Pakkoku. In Bago, Magway, Monywa, Pakkoku, Patheingyi and Pyaw, median township residency was above 20 years. Median township residency was 11 years or below in Lashio, Mandalay, Meiktila, Taunggyi and Yangon. Short-term residency was generally uncommon, with less than 10% of FSW in most sites reporting that they had lived in their township for less than 12 months or less than six months. The exception to this was Lashio, where 31.6% of FSW had lived in the township for less than 6 months and 39.4% of FSW had lived in the township for less than 12 months. Among those who had

moved, FSW most frequently reported that they had moved for sex work (61.2%). Additionally, 14.4% of FSW had moved for work other than sex work and 25.3% had moved for their family.

Figure 4. Median number of years lived in township

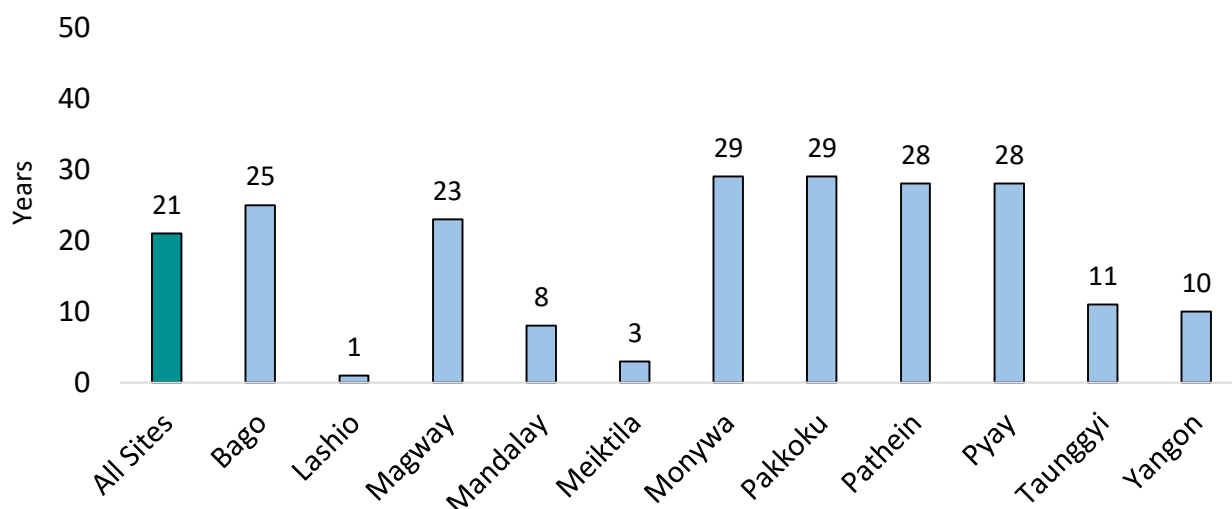


Figure 5. Percent of FSW with short township residency

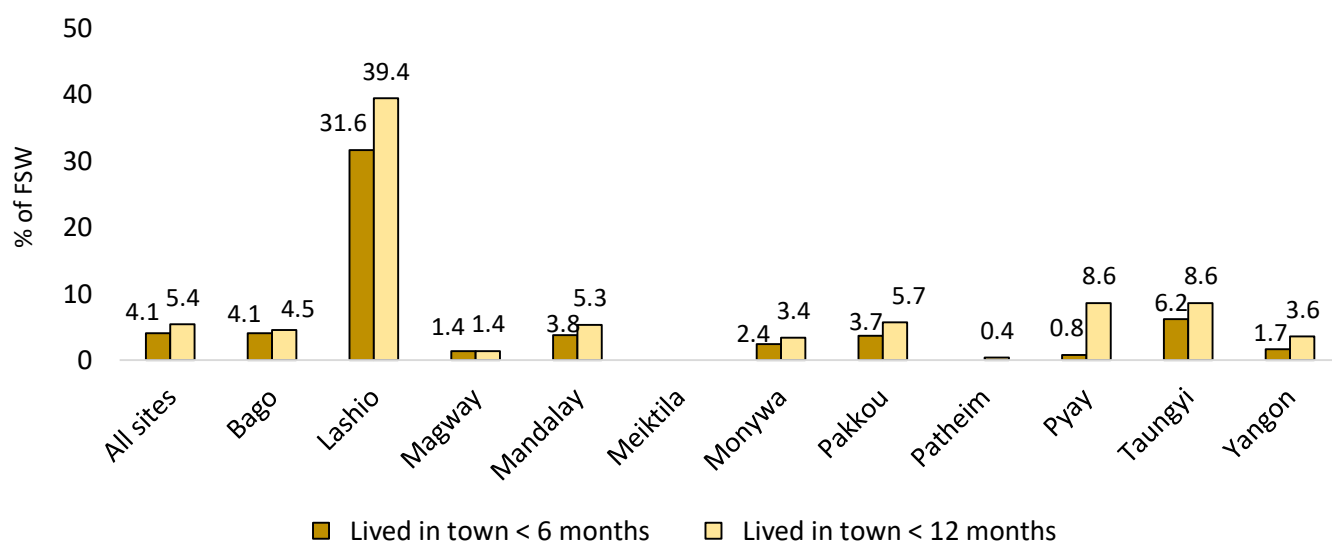
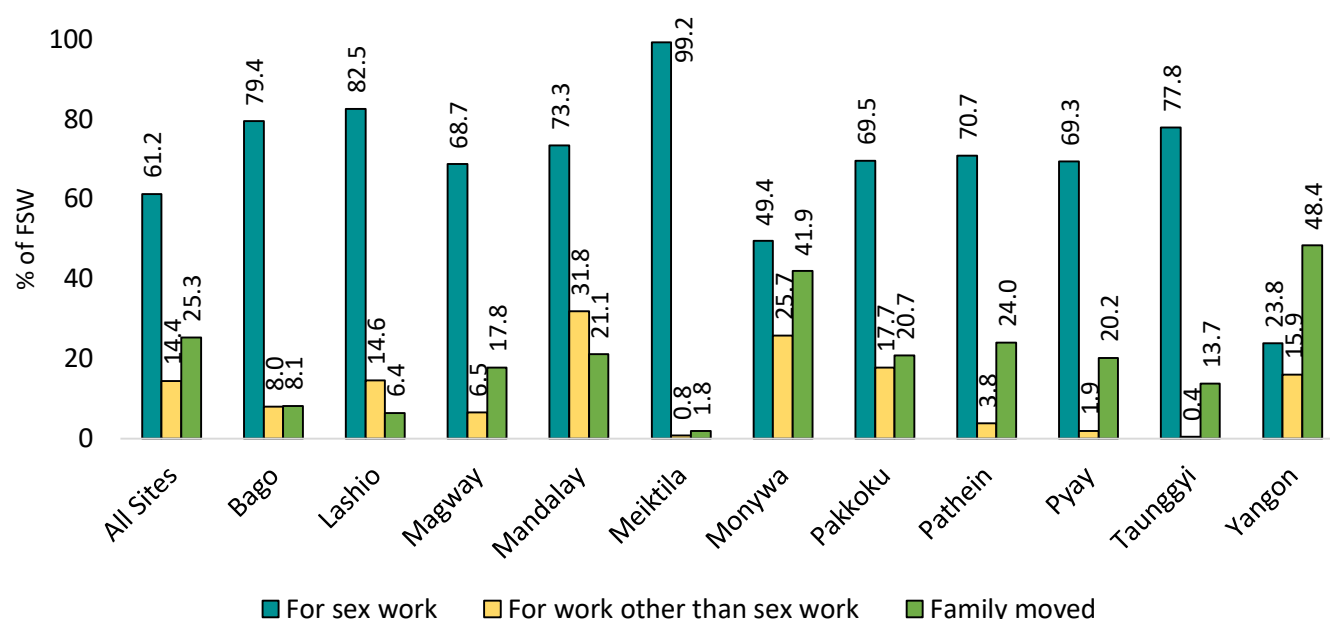


Figure 6. Reasons for mobility, among those who had moved^{a,b}

*Denominator is the number of participants who had ever moved ($n = 2,769$)

^aMultiple choices possible; top three most commonly reported answers shown

^bOverall, 0.8% and 0.1% answered "other" and "no answer," respectively

Marital status, household composition and children

Overall, approximately half of FSW had been married but were now divorced, separated, or widowed (50.2%), while 37.3% were currently married and 12.5% had never been married. The proportion of FSW who were currently married was particularly small in Meiktila (8.9%) and ranged up to 65.0% in Monywa. Overall, the proportion of FSW who were currently married was higher among those aged 25 years or older compared to those below 25 years of age (39.3% vs. 31.9%). This held true across all survey sites with the exception of Magway, in which the proportion of FSW currently married was lower among those aged 25 years or older (23.5% vs. 37.4%).

Median duration of sex work was highest among those who were currently married. Overall, median duration of sex work was 6.7 years among FSW who were married, 4.8 years among FSW who were previously married and 2.1 years among FSW who had never been married.

Overall, 29.7% of FSW did not have children, 27.9% had one child and 42.4% had more than one child. The proportion of FSW with more than one child ranged from 17.6% in Meiktila to 54.2% in Pakkoku. Most FSW lived with a spouse (29.2%) or relatives (25.5%), overall. Nearly 6.0% of FSW lived alone across all sites. The proportion of FSW who lived with children was 19.2% overall and ranged from 11.6% in Monywa to 32.8% in Pakkoku. Generally, the proportion of FSW who lived with a broker, manager or pimp was very small (4.6% overall). However, 30.5% of respondents in Meiktila reported that they were currently living with a broker, manager, or pimp.

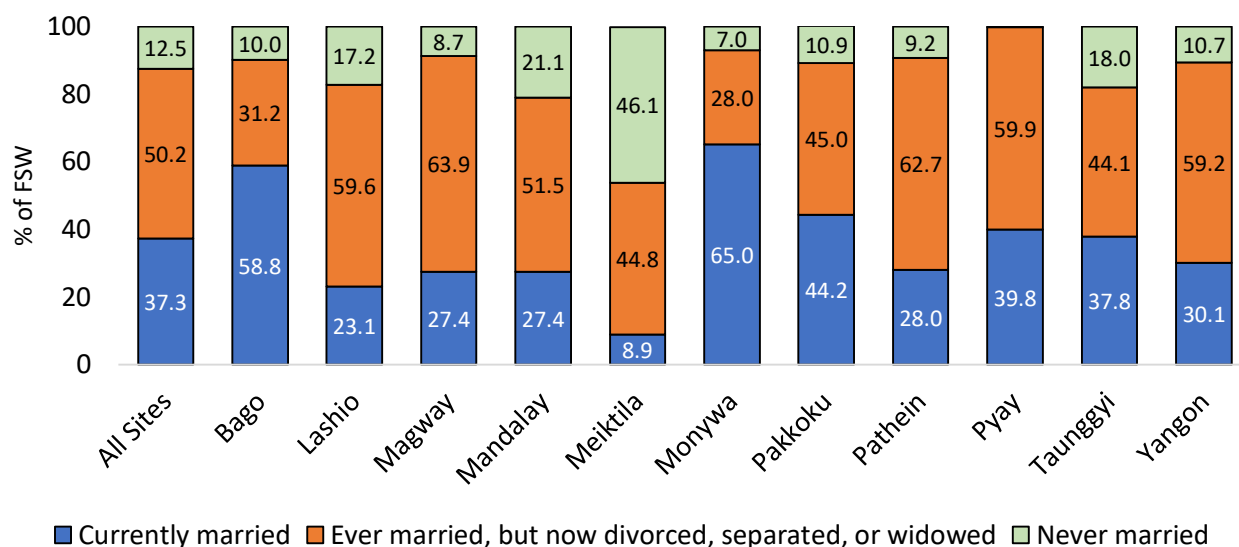
Figure 7. Marital status^a

^aOverall, one participant did not answer

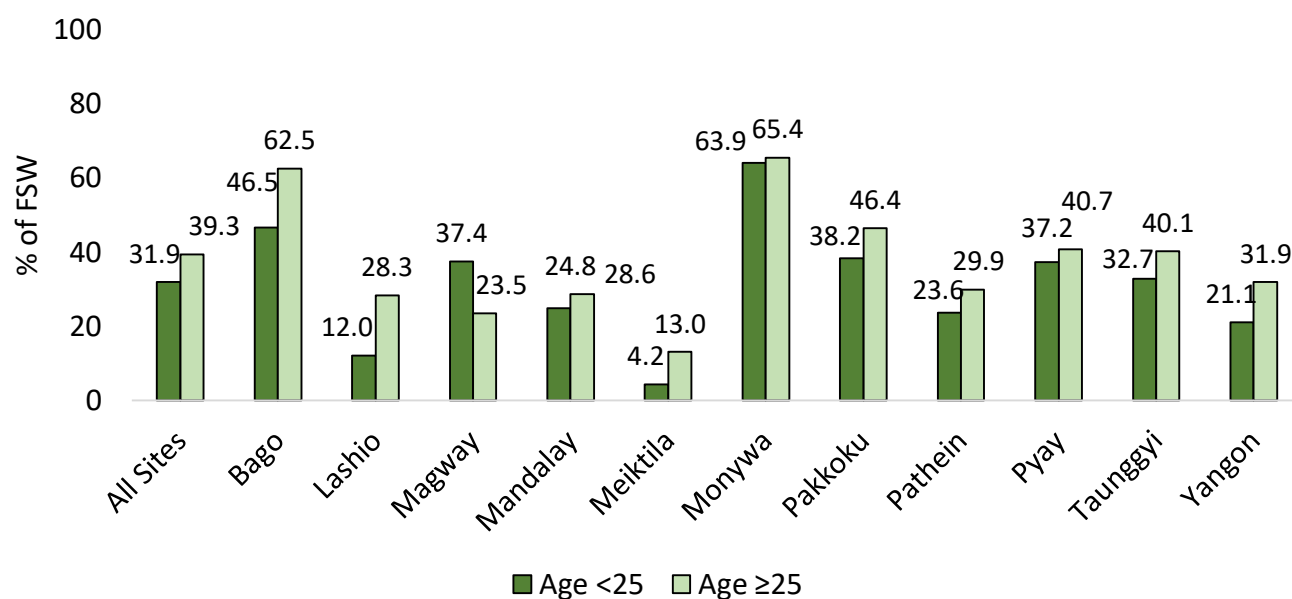
Figure 8. Percent of FSW currently married, by age group^a

^aOverall, one participant did not answer

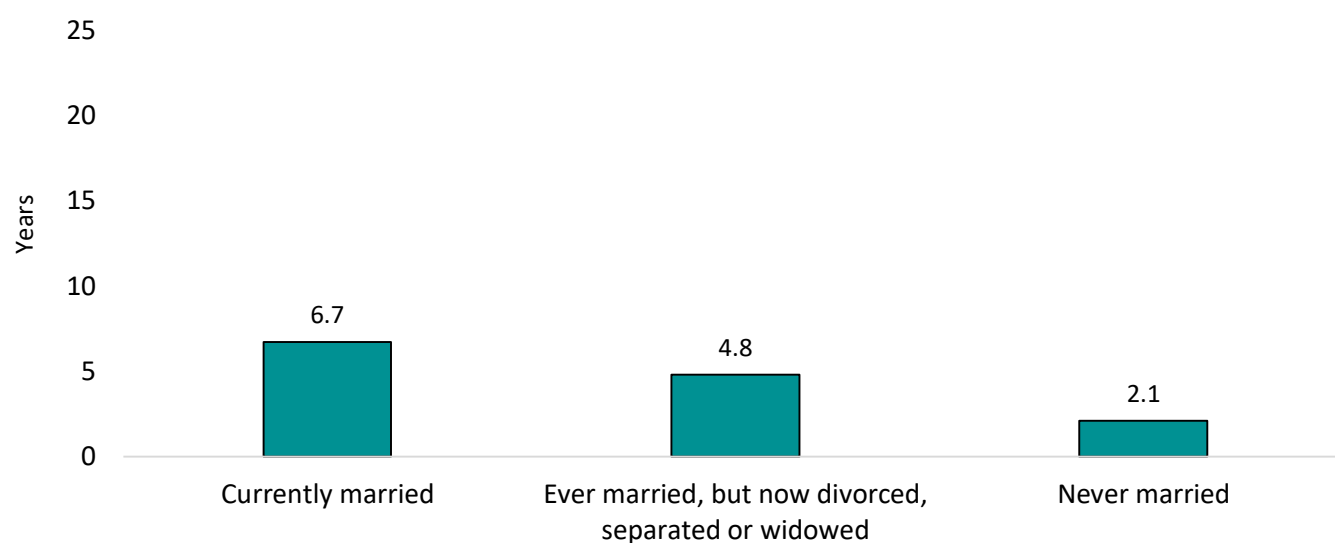
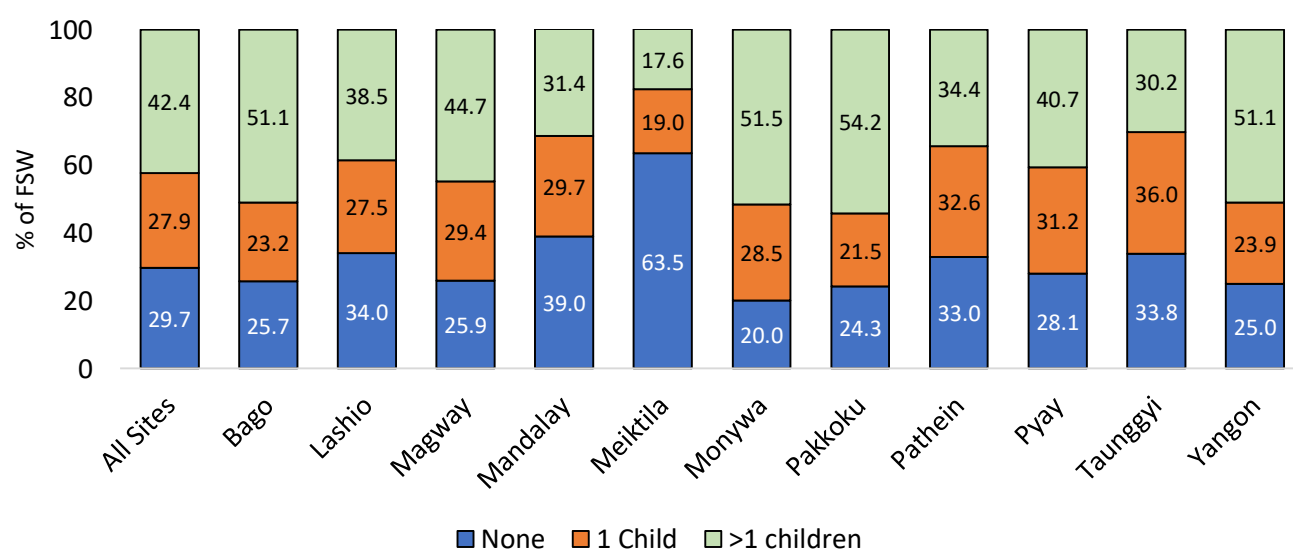
Figure 9. Median duration of sex work, by marital status^a

^aOverall, 18 participants did not answer

Figure 10. Number of children, among all respondents

Table 3. Household composition among FSW

Survey site	Percent who lives with:					
	Spouse/partner	Parents/relatives	Friends	Alone	Children	Broker/manager/pimp
All Sites	29.2	25.5	15.6	5.9	19.2	4.6
Bago	51.3	26.7	2.6	2.2	17.2	0.0
Lashio	11.3	14.8	60.3	6.3	4.5	0.0
Magway	19.4	26.3	15.3	12.4	25.5	0.0
Mandalay	22.0	26.6	25.3	8.9	15.6	1.6
Meiktila	8.0	8.5	36.7	4.0	12.3	30.5

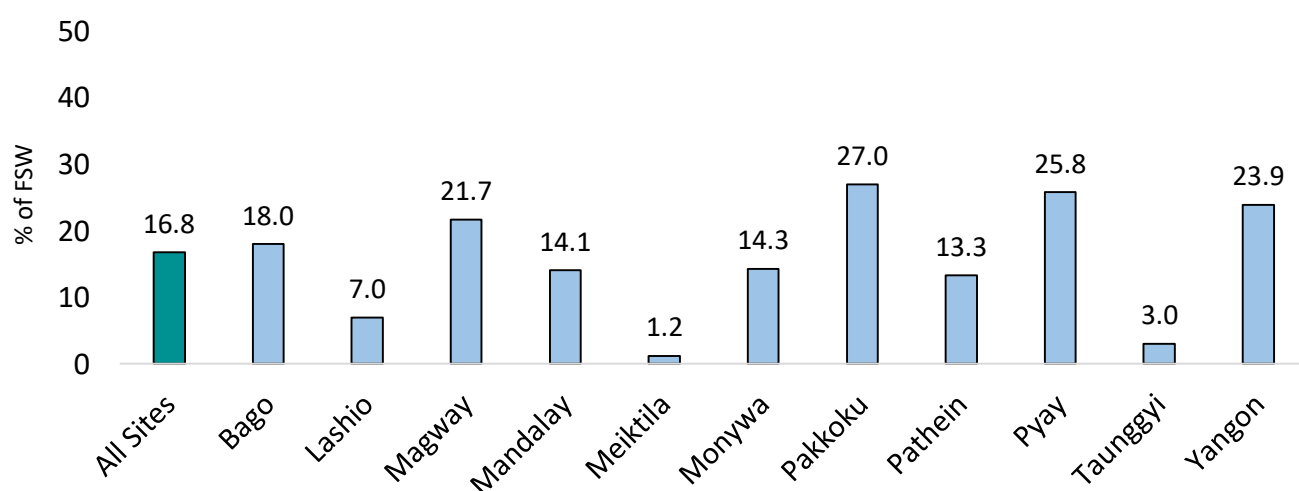
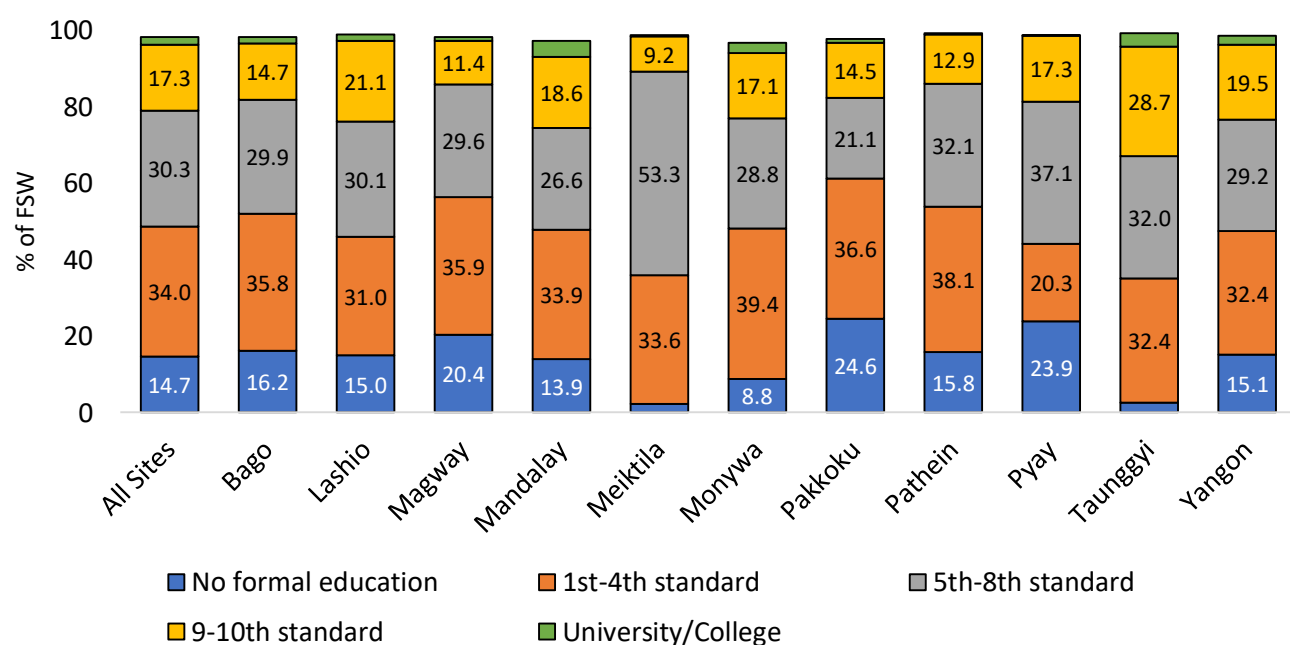
Monywa	49.0	30.2	4.2	2.9	11.6	2.1
Pakkoku	28.3	13.5	6.4	4.0	32.8	15.0
Pathein	24.6	33.9	18.1	7.0	16.2	0.2
Pyay	31.6	27.4	14.3	4.8	20.8	1.2
Taunggyi	32.1	14.8	20.7	2.5	15.6	14.3
Yangon	24.0	33.3	8.6	7.4	25.7	1.1

Socio-economic status

Median monthly income among FSW in the past 12 months was 298,611 MMK overall, with variation across sites. Median monthly income was highest in Magway (379,733 MMK) and lowest in Meiktila (100,000 MMK). Overall, 16.8% of FSW could not read or write in the Myanmar language, and over 20.0% of respondents reported that they could not read or write in Magway, Pakkoku, Pyay and Yangon. FSW most commonly reported that they had attended 1st-4th standard level education (34.0% overall). The proportion of FSW who had attended university or college was very low (2.0% overall), and the proportion who had no formal education ranged from 2.3% in Meiktila to 24.6% in Pakkoku.

Table 4. Monthly income (MMK) distribution (last 12 months)

Survey site	Mean (MMK)	Median (MMK)	Range
All Sites	374,564	298,611	(0-5,800,000)
Bago	432,375	370,833	(100,000-1,000,000)
Lashio	364,524	292,131	(50,000-1,000,000)
Magway	483,500	379,733	(25,000-3,000,000)
Mandalay	384,671	298,840	(60,000-1,500,000)
Meiktila	487,379	100,000	(100,000-1,500,000)
Monywa	371,913	332,514	(70,000-1,800,000)
Pakkoku	286,824.	245,004	(50,000-1,300,000)
Pathein	302,619	270,547	(70,000-1,000,000)
Pyay	347,481	293,300	(100,000-1,000,000)
Taunggyi	369,780	281,543	(0-2,000,000)
Yangon	357,723	293,196	(10,000-5,800,000)

Figure 11. Percent of FSW who do not read or write in Myanmar**Figure 12. Highest education attended^a**

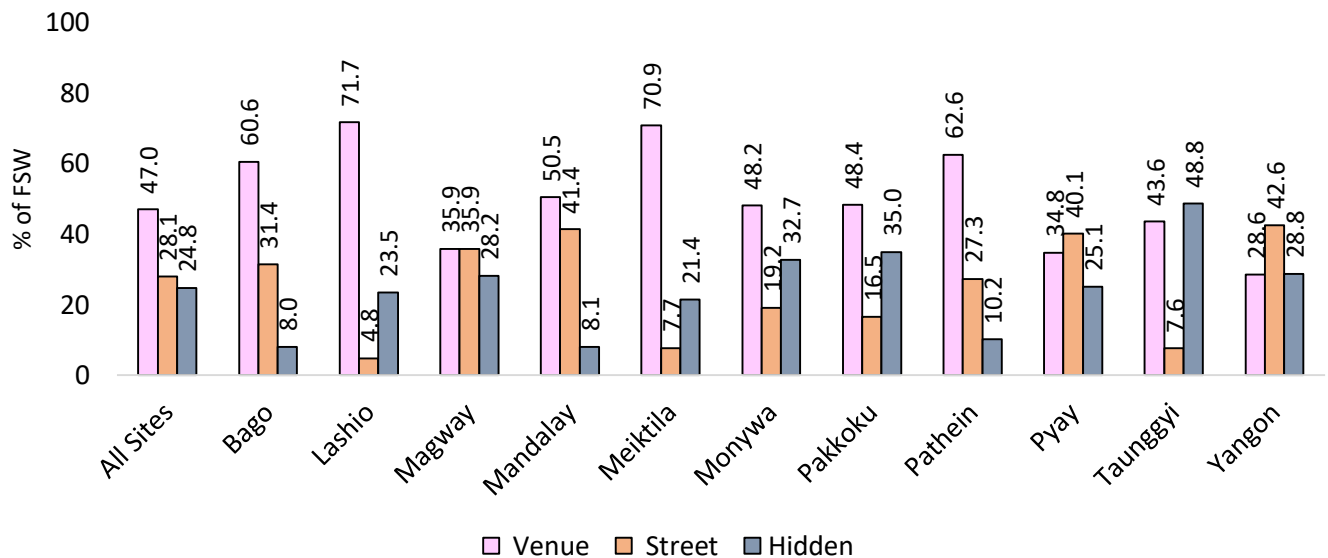
^aOverall, 1.7% and 0.1% of participants overall attended monastic and vocational education, respectively

3.3. Sex work practices and typology

Sex work typology

Sex work typology is categorized based on the locations where FSW find clients most often. The following categories are used in the IBBS: venue, referring to FSW who find clients at established venues such as brothels; street, referring to FSW who find clients at street locations; and hidden, which refers to FSW who find clients via the internet or other indirect sources. Generally, most FSW in the current IBBS were venue-based sex workers, followed by street and hidden, respectively. Overall, 47.0% of FSW were venue-based, while 28.1% were street-based and 24.8% were hidden.

Figure 13. Sex work typology



Sex work debut

Overall, the median age at first sexual intercourse for money or gifts was 22 years, with a small range across sites (19-24 years). Median age of sex work debut was similar when comparing the 2015 and 2019 IBBS in all sites included in both surveys. Respondents were also asked to describe the reason that they began exchanging sex for money. Most FSW reported that they began exchanging sex for money to provide an income to themselves or their families (82.6% overall). Approximately 9% of FSW reported beginning sex work due to marital issues, and 5.8% began sex work because family or friends were doing it. When stratified by age of first commercial sex, needing money for oneself or family was the most commonly reported reason for starting to sell sex among all ages.

Figure 14. Median age of first sexual intercourse for money or gifts

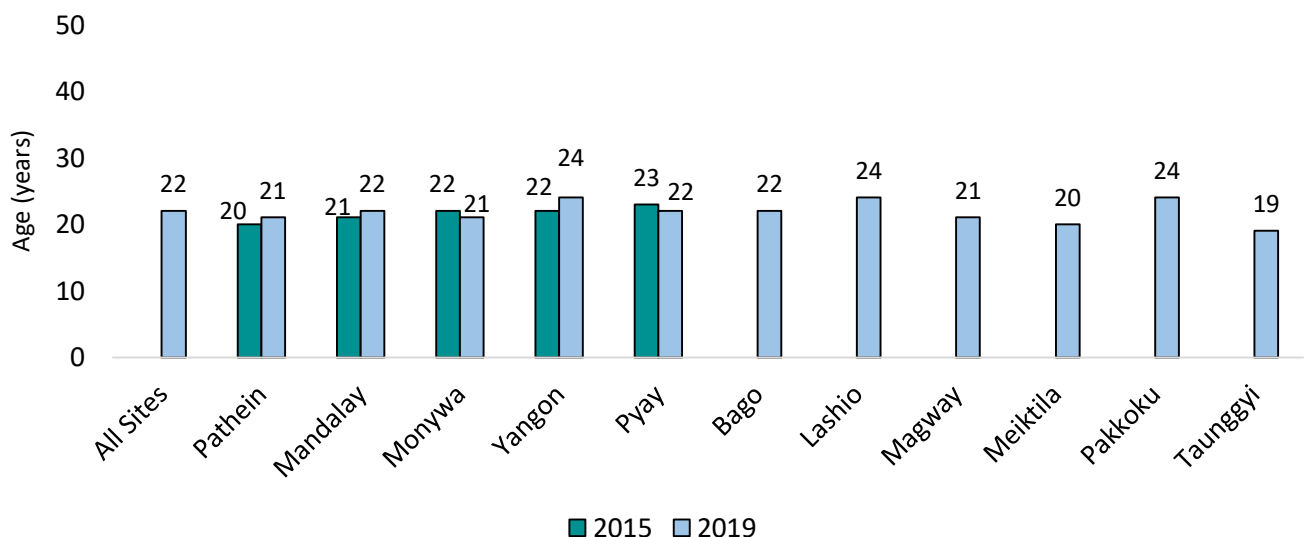
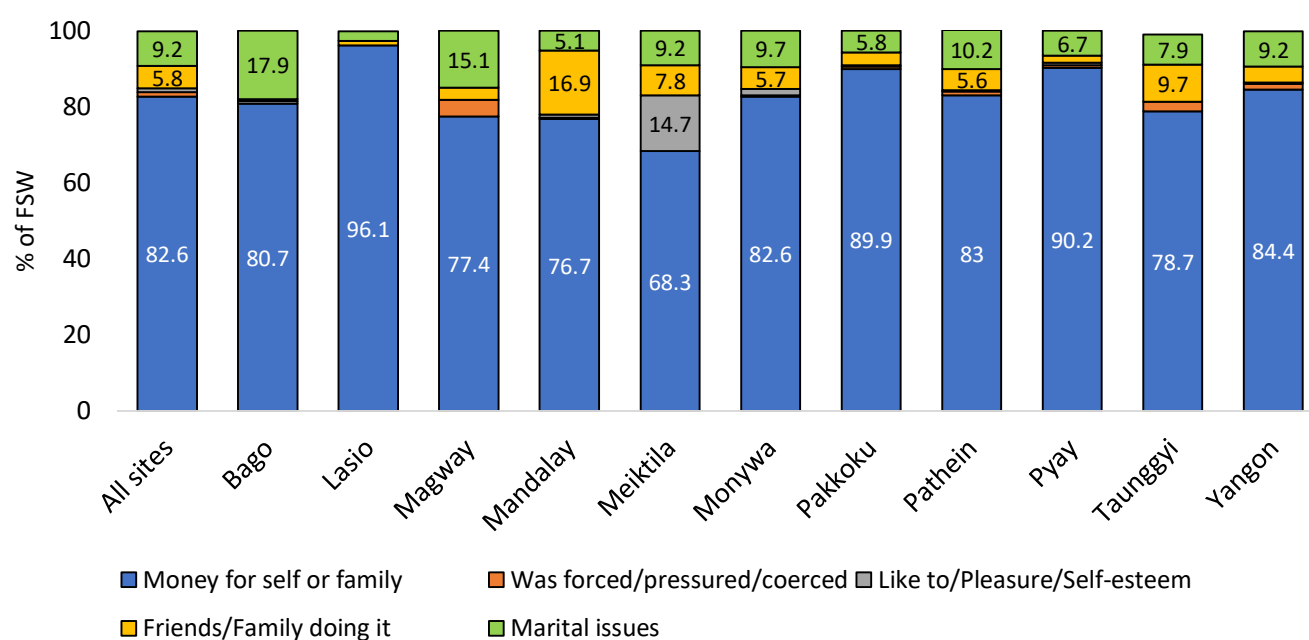
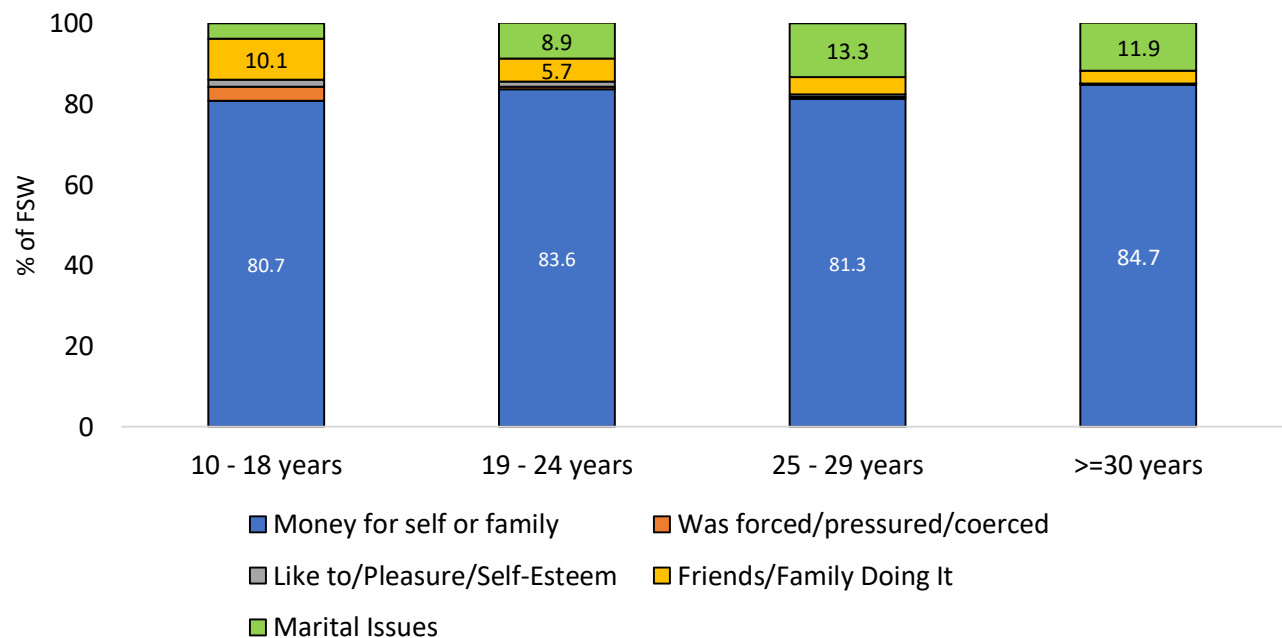


Figure 15. Main reason for starting to sell sex for money^a



^aOverall, 6 and 2 participants answered "other" or "no answer," respectively

Figure 16. Main reason for entering sex work, by age at first commercial sex^a



^aOverall, 18 participants did not answer

Table 5. Main reason for starting to sell sex for money, by sex work typology

Age group	Money for self or family	Was forced, pressured, or coerced	Pleasure or self-esteem	Friends or family doing It	Marital issues
Venue	47.3	44.9	62.2	51.4	40.6
Street	27.6	38.9	12.4	24.9	35.3
Hidden	25.2	16.2	25.4	23.7	24.2

Sex work locations and clients

Nearly 27.0% of FSW reported exchanging sex for money in townships other than their primary residence in the past 12 months. Overall, the most commonly reported places where FSW solicited clients were streets, parks or railway stations (28.1%); mobile phones (22.8%); and brothels (18.6%). Below 1% of participants in all sites reported that the internet was the most common place where they recruited clients.

Overall, the median number of clients per FSW in the last month was 14. The median number of clients in the last month was below 20 in every site with the exception of Bago, in which respondents reported a median of 50 clients in the past month. Compared to the 2015 survey, an appreciable decrease in the median number of clients in the past month was observed in Pathien (60 in 2015 vs. 19 in 2019). The median number of clients on the last working day was 2 overall (range 1-3) and was similar to the 2015 IBBS in all sites included in both surveys.

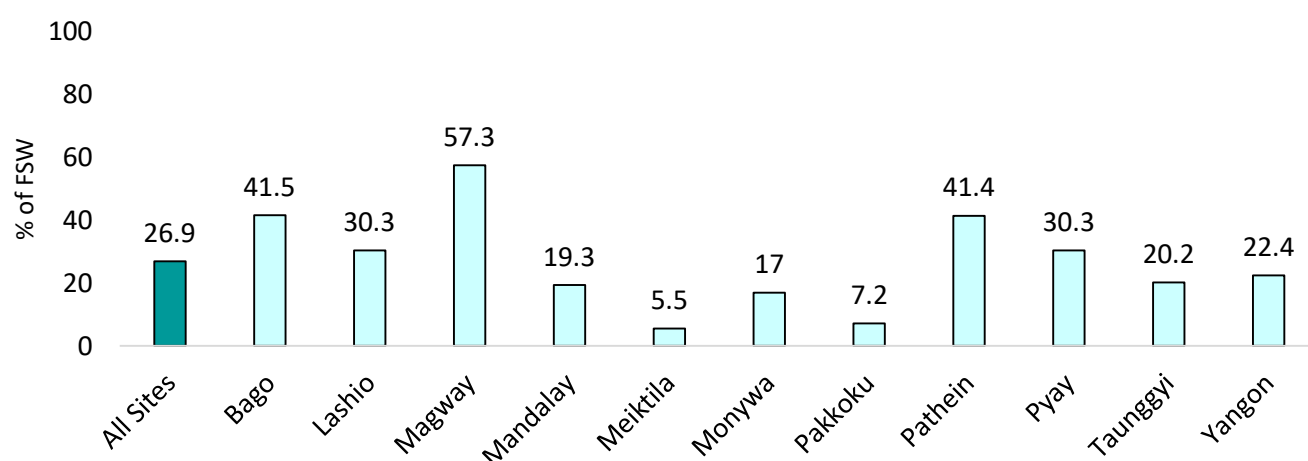
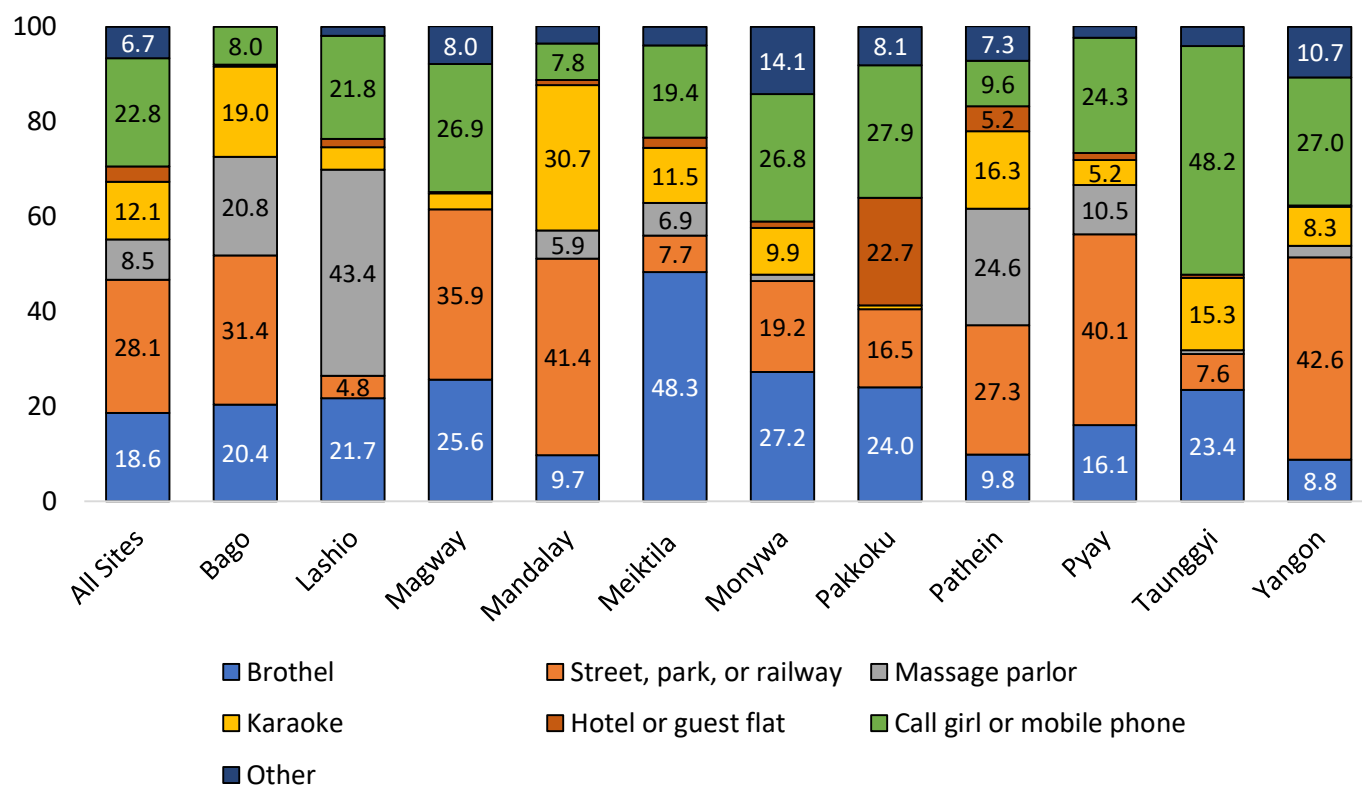
Figure 17. Percent of FSW who exchanged sex for money in other towns in past 12 months

Figure 18. Locations where FSW solicit clients most often^{a,b}


^aOverall, 2 participants answered "No answer," respectively

^b'Other' category includes day and night clubs, restaurants and tea shops, one's house or flat, client's house or flat, internet, and others

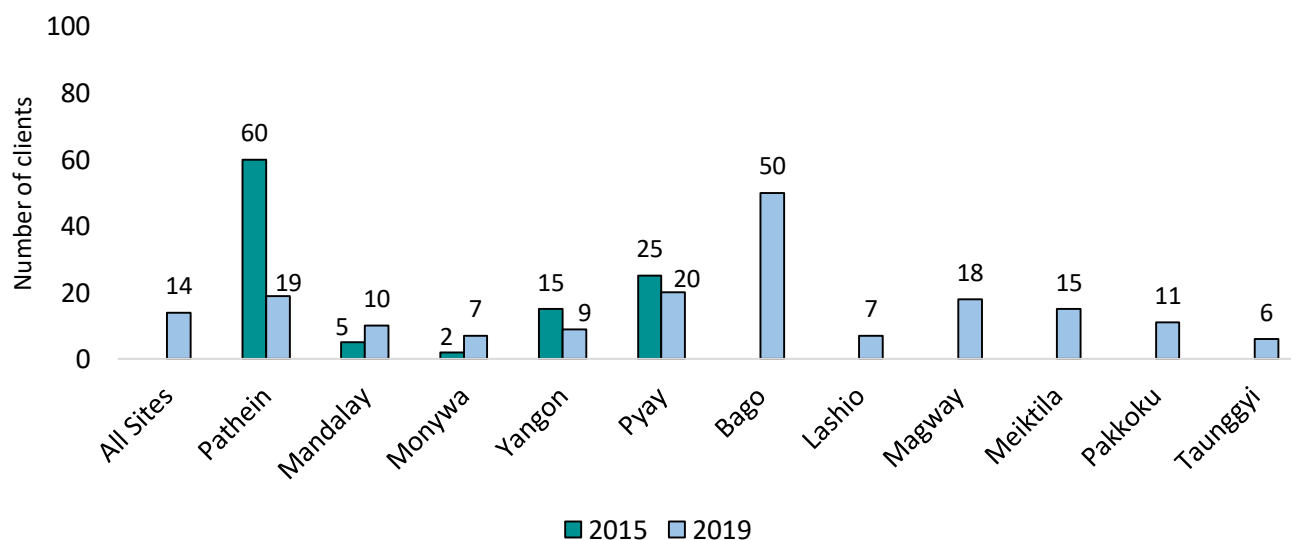
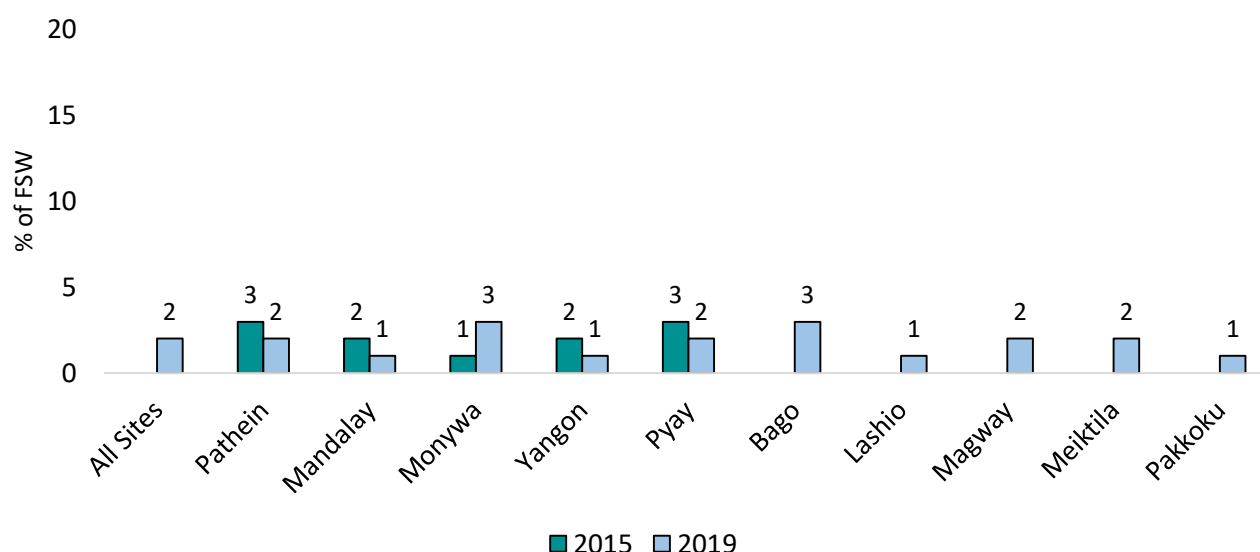
Figure 19. Median number of men who paid FSWs for sex in the last month


Figure 20. Median number of paying clients on last working day**Sex work income**

Participants were asked to report their average monthly income from sex work over the last 12 months. Overall, the median monthly income was 293,221 MMK (range 0-3,000,000 MMK). Median monthly income from sex work was highest in Meiktila (459,563 MMK) and lowest in Pakkoku (186,574 MMK). The approximate amount of money earned per sex act was 9,703 MMK overall (range 200-300,000 MMK) and varied by site. FSW respondents in Taunggyi reported the highest median amount of money per sex act (25,547 MMK), while FSW in Monywa reported the lowest median amount of money per sex act (2,669 MMK).

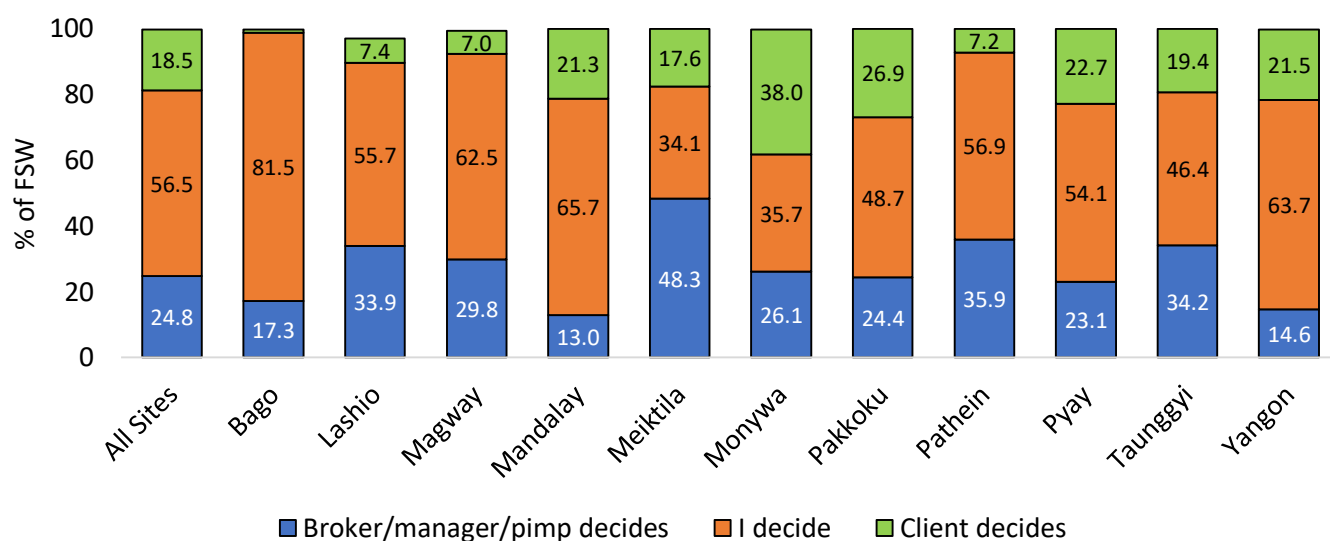
Most FSW overall reported that they decided the amount of money they were paid per sex act with a client (56.5%), while 24.8% reported that the decision was made by a broker, manager or pimp and 18.5% reported that the decision was made by the client. Meiktila was the only site in which the proportion of FSW reporting that the amount of money earned per sex act was determined by a broker, manager or pimp (48.3%) was greater than the proportion who reported that the decision was made themselves (34.1%). The proportion of FSW who had ever experienced a client who refused to pay was approximately 20% overall and ranged from 4.4% in Pakkoku to 38.6% in Bago.

Table 6. Average monthly income from sex work in last 12 months

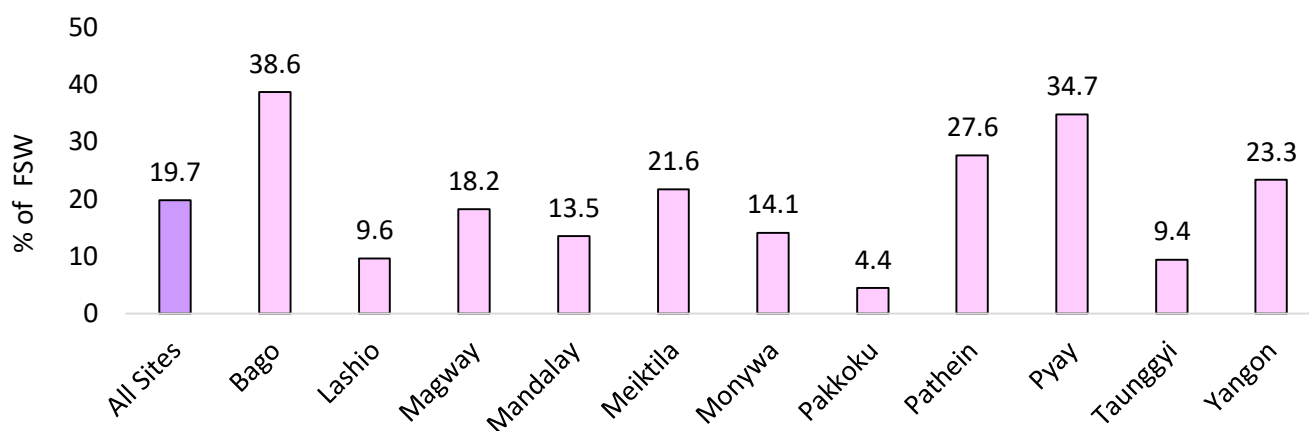
Survey site	Mean (MMK)	Median (MMK)	Range
All Sites	330,985	293,221	(0- 3,000,000)
Bago	429,261	368,994	(100,000- 1,000,000)
Lashio	356,941	290,754	(50,000- 1,000,000)
Magway	429,249	333,461	(16,000- 3,000,000)
Mandalay	381,348	298,482	(60,000-1,500,000)
Meiktila	477,813	459,563	(50,000- 1,300,000)
Monywa	251,581	195,952	(10,000- 1,500,000)
Pakkoku	218,978	186,574	(30,000- 1,000,000)
Pathein	291,609	285,816	(30,000- 1,000,000)
Pyay	305,971	284,815	(30,000- 950,000)
Taunggyi	360,638	280,770	(0- 1,500,000)
Yangon	289,480	245,159	(10,000- 1,440,000)

Table 7. Approximate amount of money earned per sex act

Survey site	Mean (MMK)	Median (MMK)	Range
All Sites	14198.8	9703.0	(200-300000)
Bago	11502.7	9686.0	(200-35000)
Lashio	14998.5	9458.0	(1000-80000)
Magway	18158.8	14232.0	(1000-75000)
Mandalay	13648.8	9461.0	(1000-200000)
Meiktila	15919.2	12559.0	(2000-50000)
Monywa	4155.8	2669.0	(1000-10000)
Pakkoku	8837.4	8146.0	(1000-50000)
Pathein	12776.5	14022.0	(1000-20000)
Pyay	7525.1	6172.0	(1500-25000)
Taunggyi	28419.6	25547.0	(1000-300000)
Yangon	18296.3	13849.0	(1000-150000)

Figure 21. Who decides amount of money earned for exchanging sex^a

^aOverall, 3, 1, and 9 participants responded "other", "don't know or remember", and "no answer", respectively

Figure 22. Percent of FSW who ever encountered a client who refused to pay^a

^aOverall, 0.1% of participants did not answer

Condom use with clients

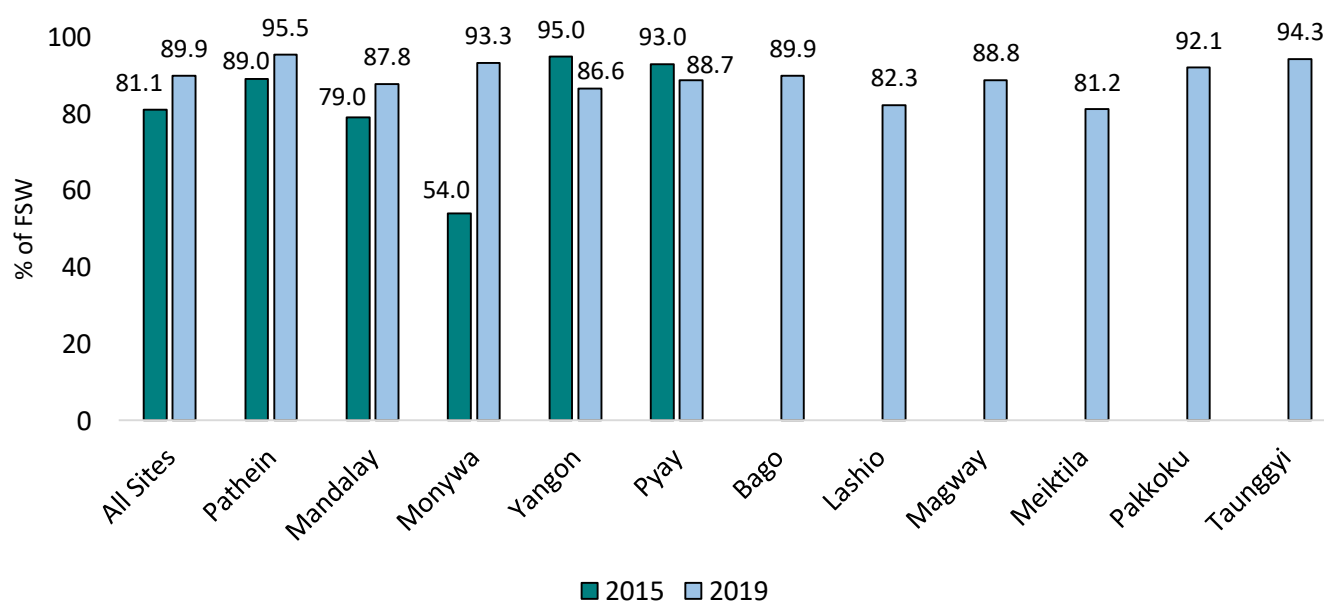
The proportion of FSW who reported using a condom at last sex with a client was high across sites (89.9% overall), ranging from 81.2% in Meiktila to 95.5% in Pathein. Compared to the 2015 IBBS results, the proportion of FSW who reported using a condom at last sex with a client increased in Mandalay, Monywa and Pathein, with a particularly large improvement in Monywa (54.0% in 2015 vs. 93.3% in 2019). A smaller proportion of FSW reported using a condom at last sex with a client in 2019 compared to 2015 in Pyay and Yangon, although the differences were not large. A clear trend in condom use at last sex with a client by sex worker typology was not observed. Overall, the proportion of FSW who used a condom at last sex was 91.2% among venue-based FSW, 89.6% among street-based FSW, and 88.9% among hidden FSW.

Overall, most FSW reported always using a condom with clients in the last month (70.0%). Over 50% of FSW always used a condom with clients in the last month in all sites with the exception of Meiktila, in which only 38.1% of participants reported always using a condom with clients. The proportion of FSW who always used condoms with clients was highest in Taunggyi (87.6%) and Monywa (84.4%). A small proportion of FSW reported occasionally (5.3%) or never (3.0%) using a condom with clients in the past month, overall.

The majority of FSW reported that the decision whether or not to use a condom at last sex with a client was made themselves (73.2% overall). Fewer than 15% of FSW in all sites reported that the client made the decision regarding condom use. Overall, 19.9% of FSW reported that the decision whether or not to use a condom at last sex with a client was made jointly between themselves and their client. A larger proportion of FSW in Mandalay (45.3%) and Taunggyi (42.9%) reported that the condom use decision was jointly made compared to the other sites.

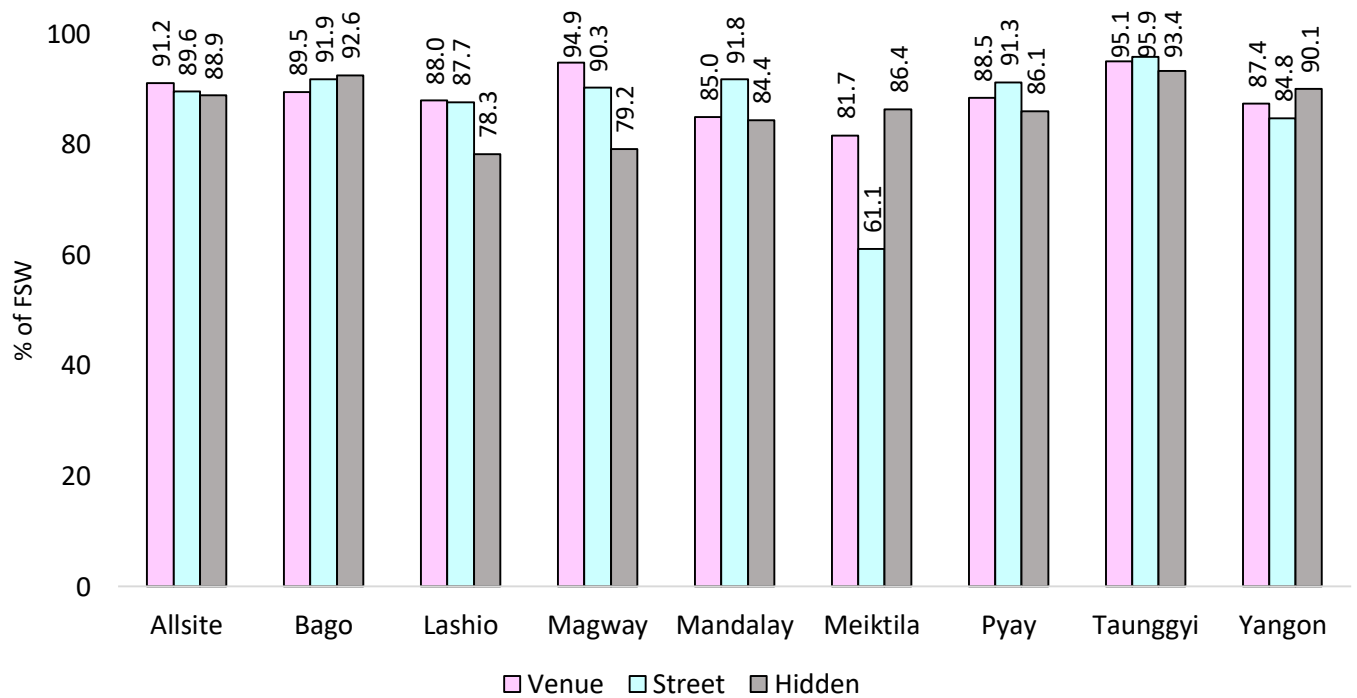
When asked how frequently they were able to negotiate condom use when the client did not want to use a condom, FSW most frequently indicated that they were rarely able to negotiate (40.9% overall). The proportion of FSW who reported that they were rarely able to negotiate condom use ranged from 22.2% in Magway to 57.8% in Meiktila. Overall, 21.6%, 10.9% and 25.7% of FSW reported that they were never, sometimes and frequently able to negotiate condom use, respectively.

Figure 23. Proportion of FSW who used condom at last sex with a client^a



^aOverall, 0.3% of participants did not answer in 2019

Figure 24. Proportion of FSW who used condom at last sex with a client, by sex work typology^a



^aOverall, 0.3% of participants did not answer

Figure 25. Frequency of condom use with clients in the last month

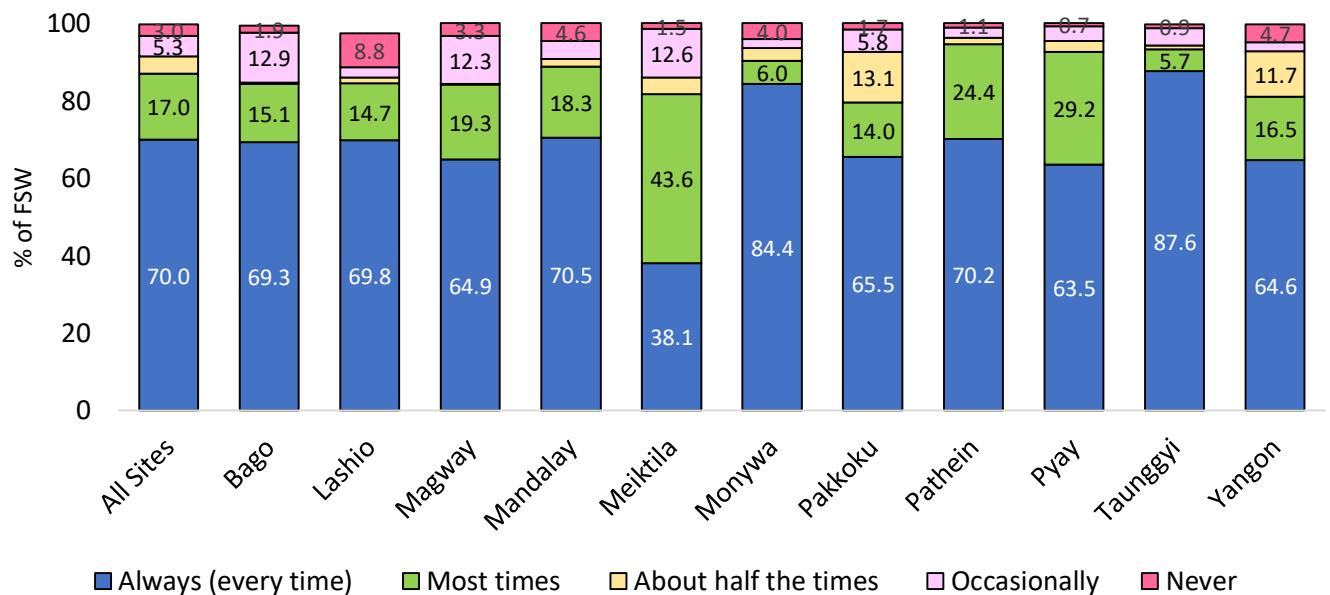
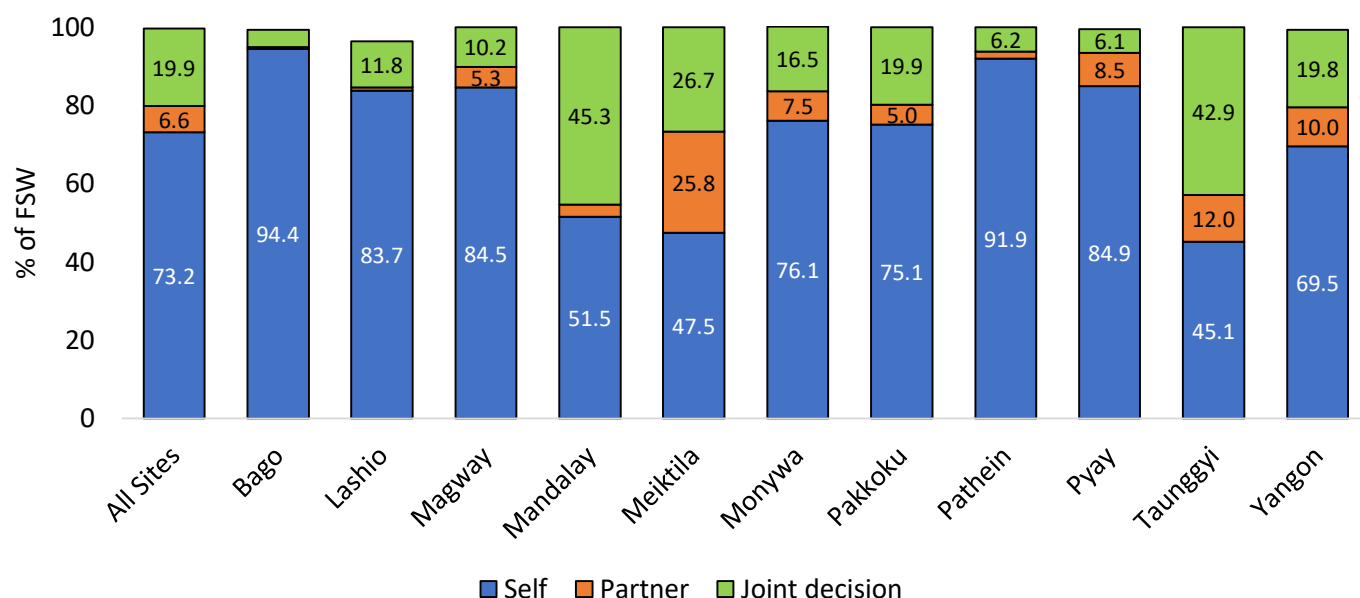
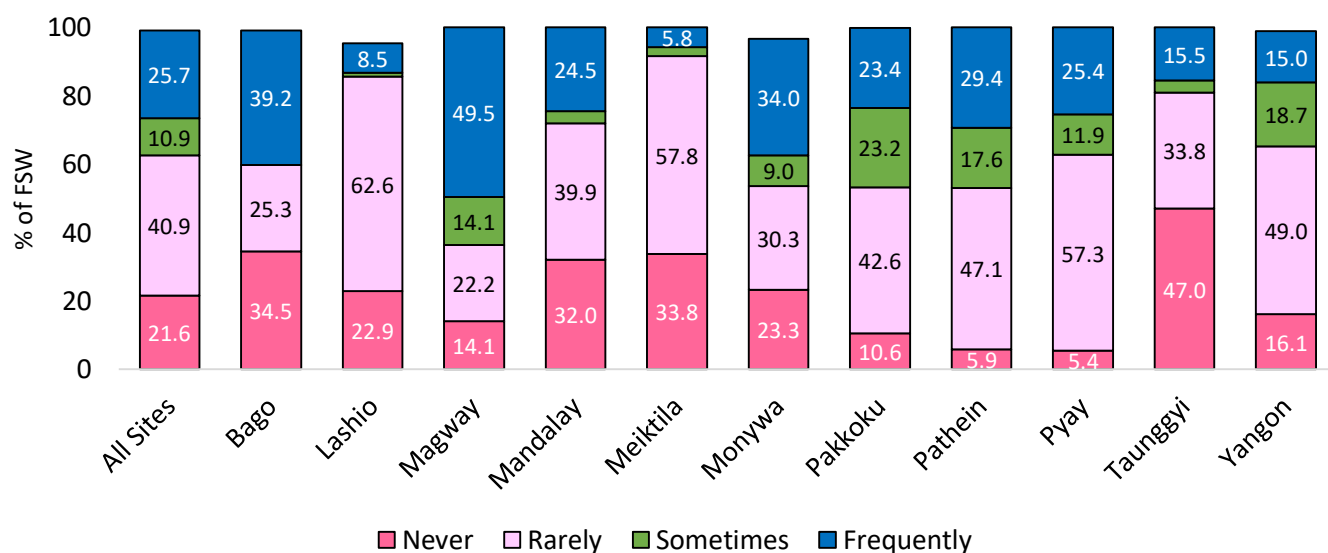


Figure 26. Who decided whether a condom was used at last sex with a client^a



^aOverall, 0.1% and 0.3% of participants answered "do not know/remember" and "no answer", respectively

Figure 27. How often FSW were able to negotiate condom use when client did not want to use a condom in last 6 months^a



^aOverall, 6 and 34 participants answered "Do not know" and "No answer", respectively

Anal sex and lubricant use with clients

The proportion of FSW who reported ever exchanging anal sex for money or gifts was low overall (8.6%). However, up to 25.0% and 37.0% of FSW in Pyaw and Meiktila, respectively, had exchanged anal sex for money or gifts. Overall, 70.6% of FSW who had ever exchanged anal sex for money or gifts reported using

a condom at last anal sex with a client. The proportion of FSW who used a condom at last anal sex with a client ranged from 42.9% in Bago to 96.0% in Monywa.

Lubricant use during anal sex with clients varied widely across sites. Overall, 70.6% of FSW reported using a lubricant at last anal sex for money. However, the proportion of FSW reporting lubricant use at last anal sex with a client ranged from 17.5% in Taunggyi to 86.0% in Meiktila.

Figure 28. Percent of FSW who have exchanged anal sex for money or gifts

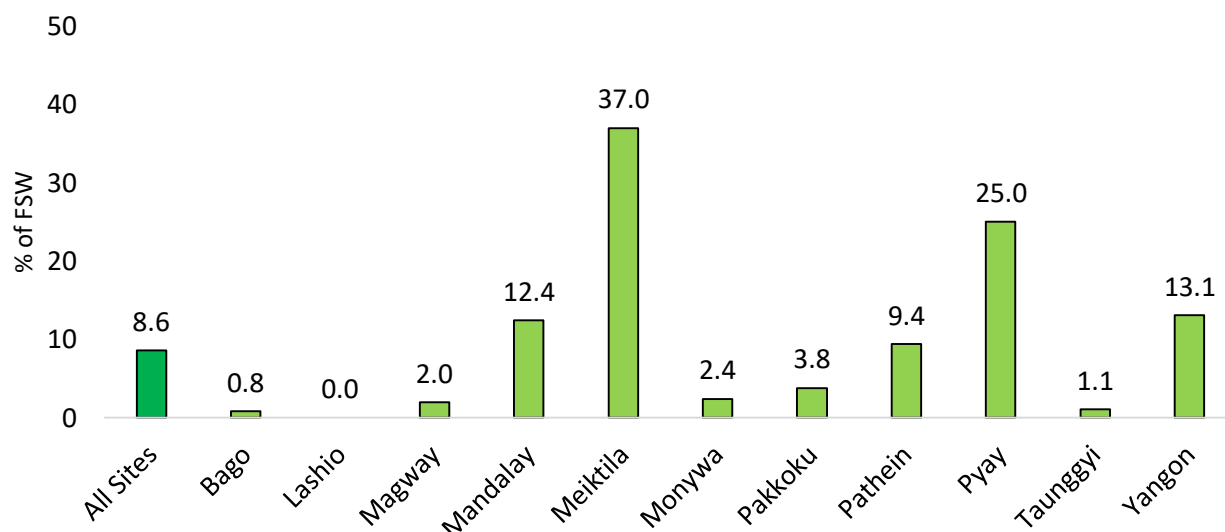
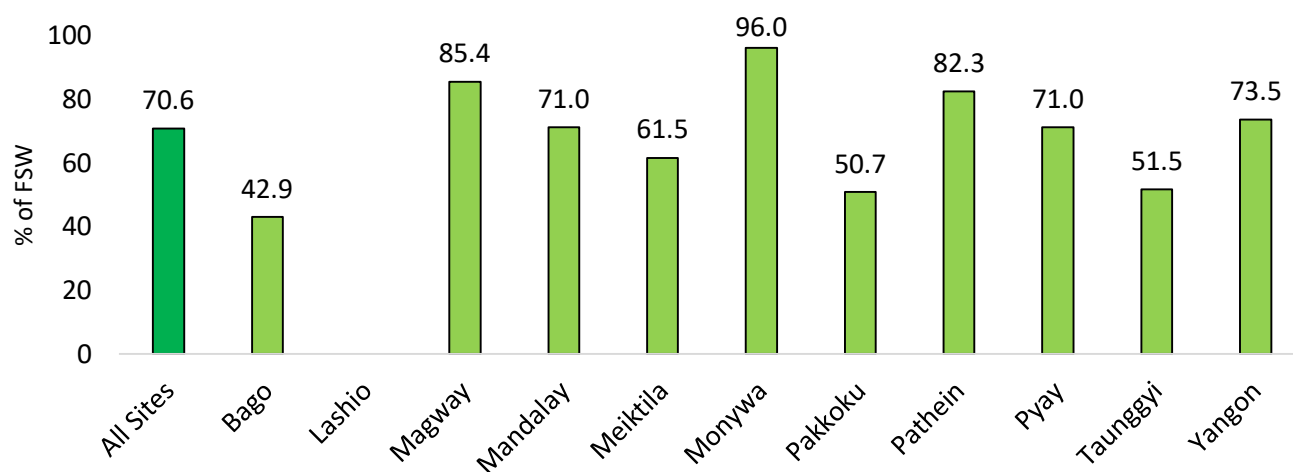
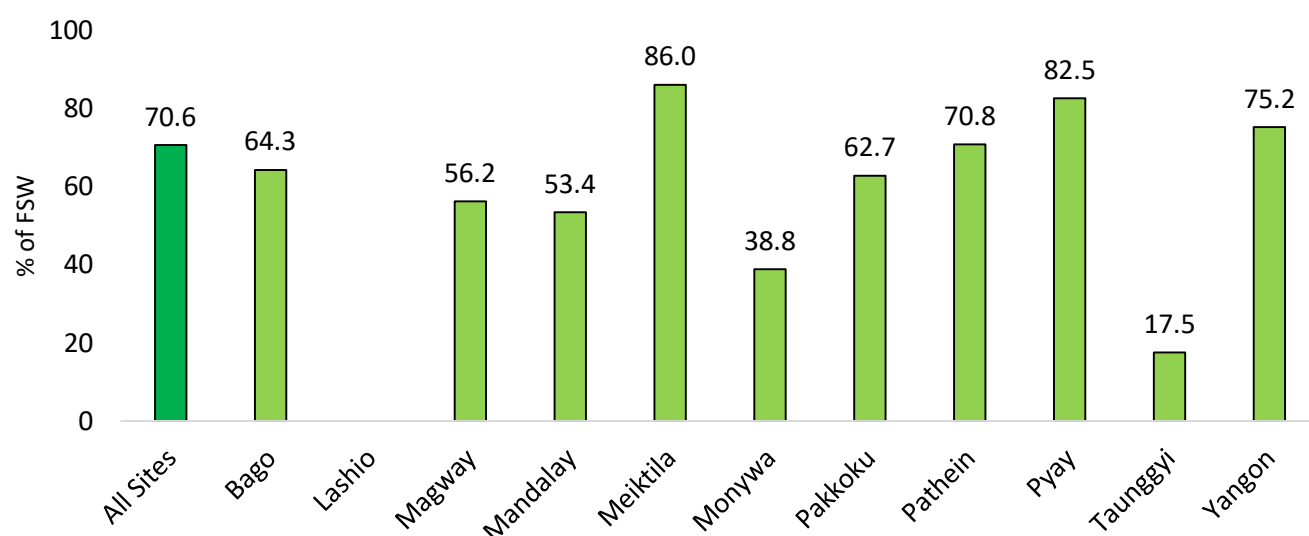


Figure 29. Percent of FSW who used a condom at last exchange of anal sex for money^a



^aDenominator is the number of participants who had ever exchanged anal sex for money ($n = 528$)

^aOverall, 1.0% of participants did not answer

Figure 30. Percent of FSW who used lubricant at last exchange of anal sex for money*^a

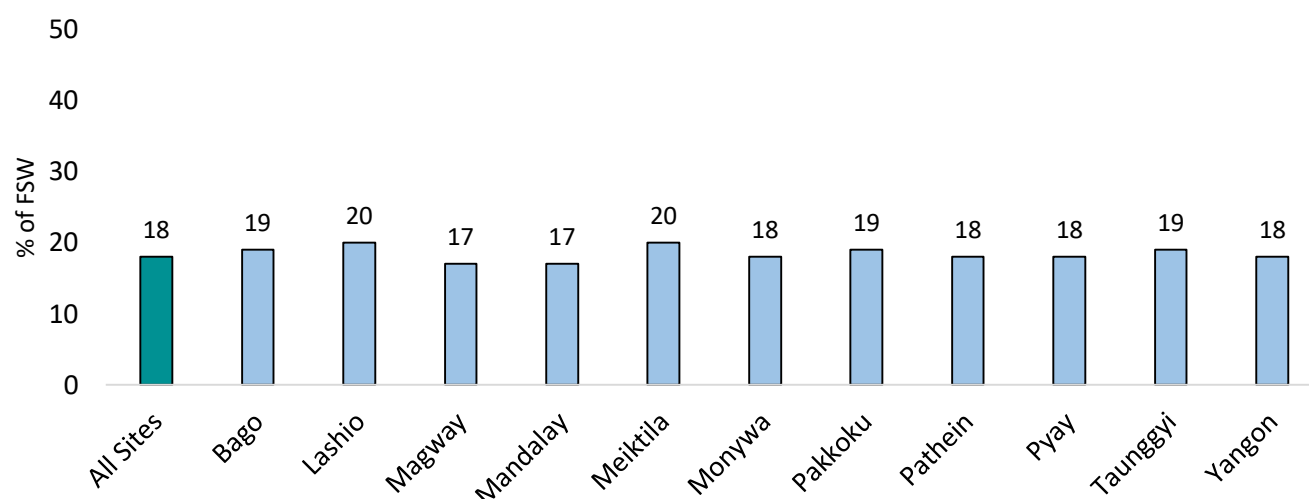
*Denominator is the number of participants who had ever exchanged anal sex for money (n = 528)

^aOverall, 1.0% of participants did not answer

3.4. Sexual history with regular and non-paying partners

Sexual debut

Overall, the median age at first sexual intercourse among FSW was 18 years. The lowest median age of sexual debut was 17 years in Magway and Mandalay, and the highest age of sexual debut was 20 years in Lashio and Meiktila.

Figure 31. Median age of first sexual intercourse

Non-client partners

There was a wide variation in the proportion of FSW who had ever had non-client partners. Overall, 51.8% of FSW reported having ever had non-client partners. The lowest proportions of participants who had ever had non-client partners were observed in Lashio (14.5%) and Taunggyi (18.0%), while the greatest

proportions of participants who had ever had non-client partners were observed in Pathein (83.7%) and Pakkoku (78.9%). When stratified by sex work typology, non-client partners were most common among venue-based FSW. Overall, 45.1% of venue-based FSW had non-client partners, while 30.3% and 24.6% of street-based and hidden FSW had non-client partners, respectively.

FSW more commonly reported having regular partners compared to casual partners. The proportion of FSW who reported regular non-client partners was 44.1% overall and ranged from 12.8% in Lashio and 76.9% in Pakkoku. The proportion of FSW who reported having casual non-client partners was 11.1% overall and ranged from 0.3% in Taunggyi to 38.6% in Pathein.

Figure 32. Percent of FSW who have ever had non-client partners

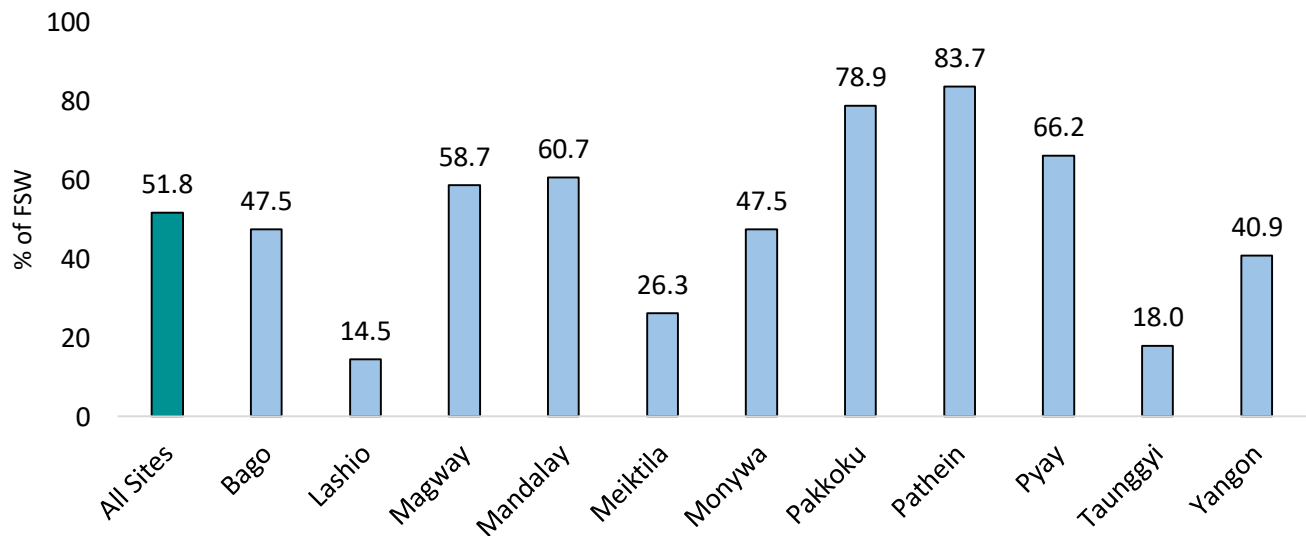


Figure 33. Percent of FSW who have ever had non-client partners, by sex work typology

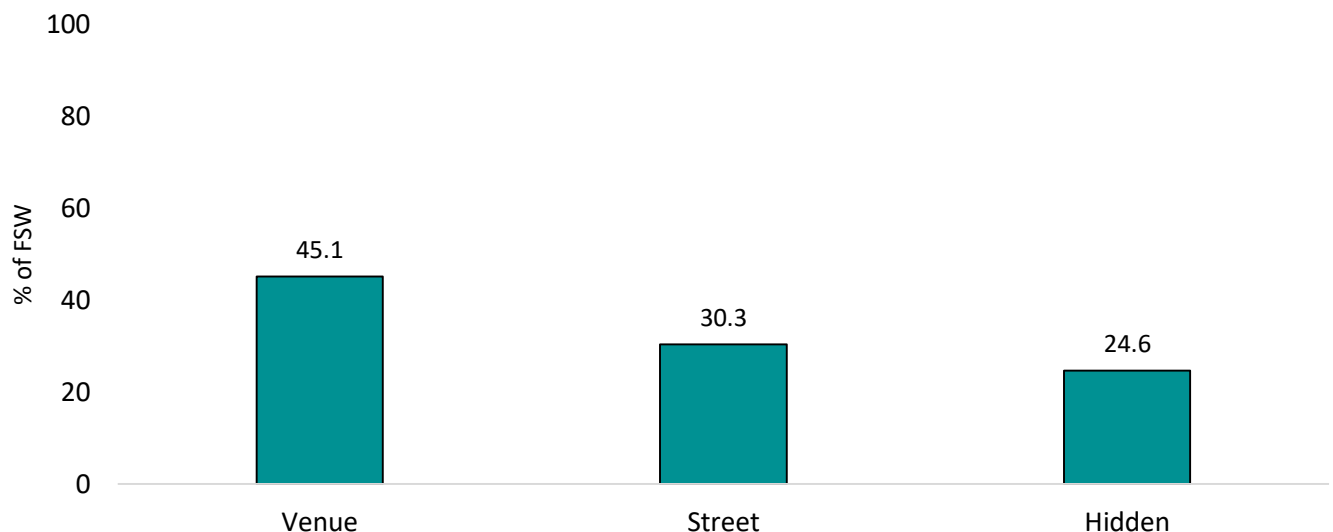
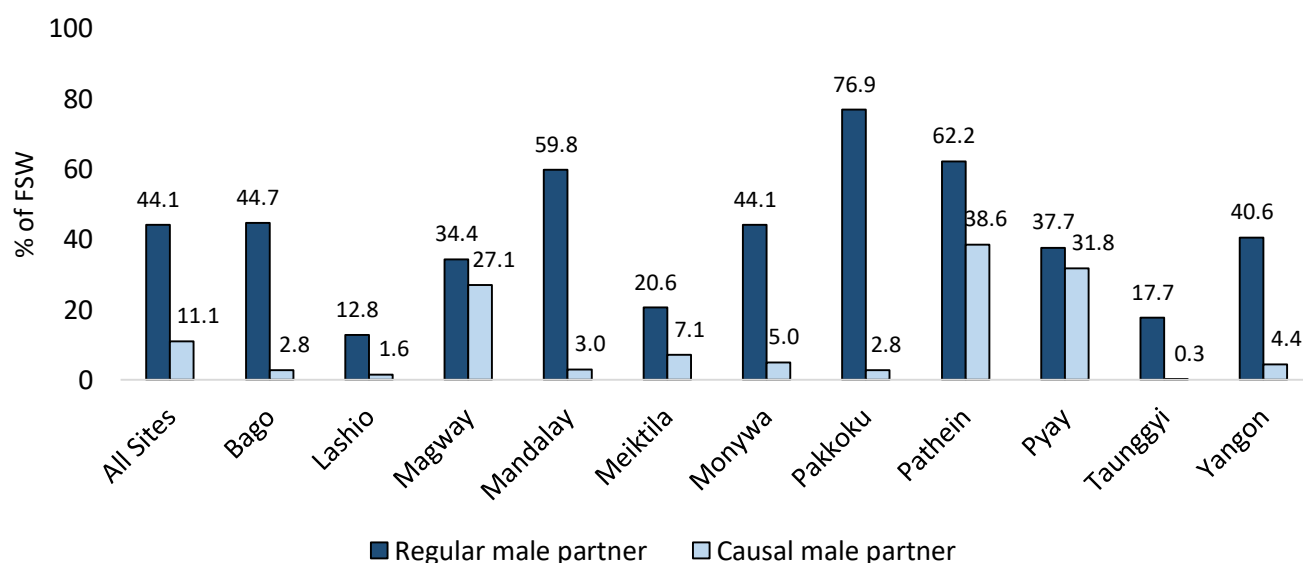


Figure 34. Types of non-client partners*

*Denominator is the number of participants who had ever had a non-client partner (n = 2,548)

Regular non-client partners

Overall, regular partners were most commonly reported among FSW who met clients most often at day and night clubs (70.5%). The proportion of FSW who had regular partners was lowest among those who met clients at a house or flat (28.3%). The median number of regular partners among FSW in the past 12 months was one in all sites except for Meiktila and Patheingyi, in which the median number of regular partners was 2. The proportion of FSW who reported using a condom at last sex with a regular partner was low across sites compared to the proportion who reported using a condom at last sex with a client; 25.1% of participants used a condom at last sex with a regular partner, overall. Compared to results of the 2015 IBBS, an appreciable decrease in the proportion of FSW who used a condom at last sex with a regular partner was observed in Mandalay (50.0% in 2015 vs. 14.4% in 2019) and Yangon (79.0% in 2015 vs. 35.9% in 2019). Similarly, most FSW reported never using a condom with regular partners in the last month (58.8% overall). Among those who did not use a condom at last sex with a regular partner, the most frequently reported reasons for not using a condom were that their sex partner did not like to use a condom (37.2%) and that both the FSW and sex partner did not like to use a condom (38.8%), overall. Additionally, 31.4% of participants who did not use a condom at last sex reported that they did not use a condom because they did not think it was necessary.

Figure 35. Percent of FSW with one or more regular partner, by places to meet clients most often

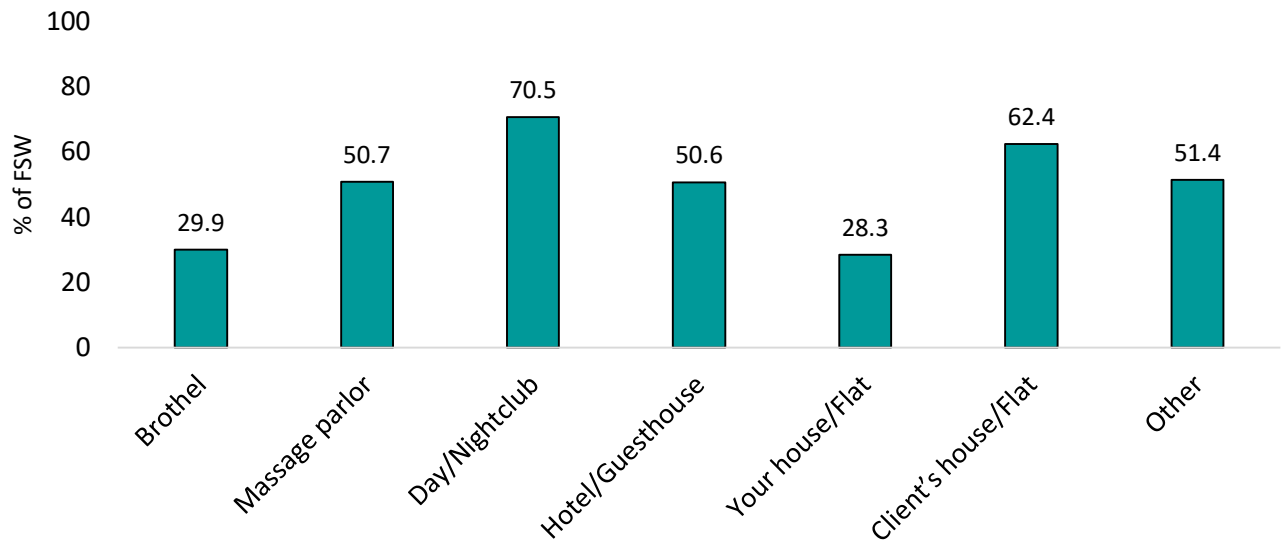


Figure 36. Median number of regular partners in past 12 months

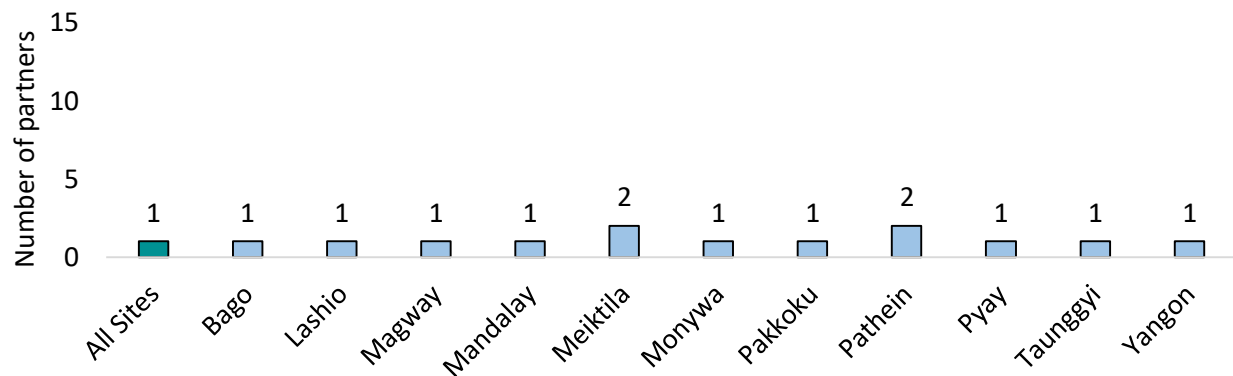
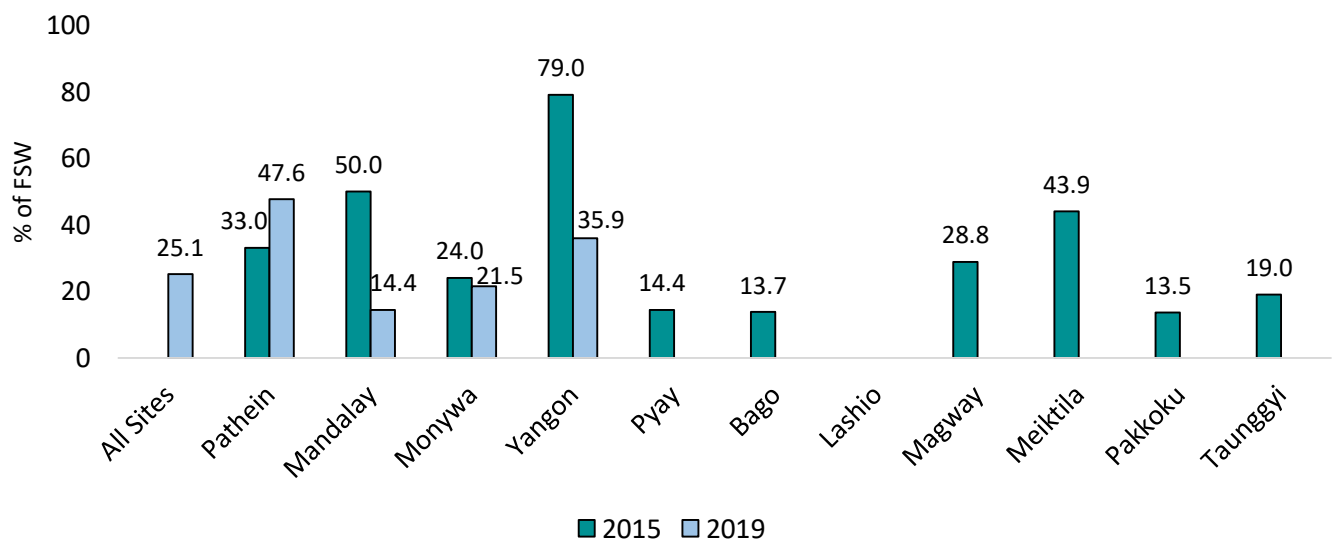


Figure 37. Percent of FSW who used condom at last sex with a regular partner^{a,b}

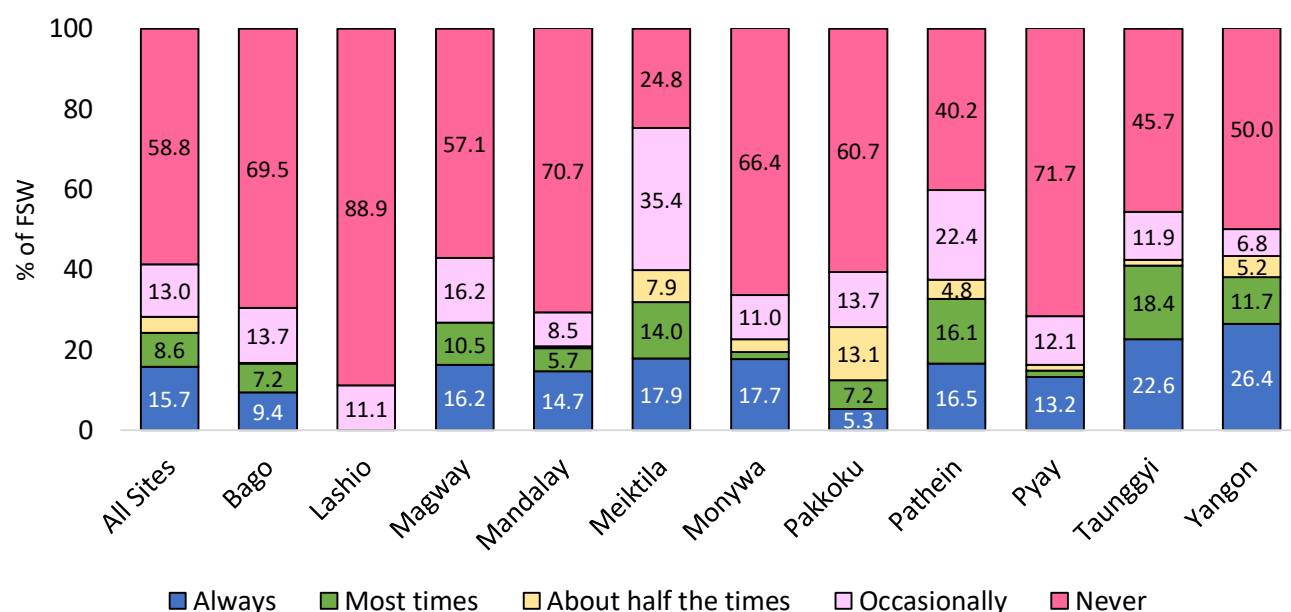


^aDenominator is the number of participants who had a regular partner ($n = 2143$)

^bOverall, 0.4% of participants did not provide an answer

^c2015 results for Pyaw is not included because the data could not be run in RDS-A

Figure 38. Frequency of condom use in the last month with a regular partner*



*Denominator is the number of participants who had sex with a regular partner in past one month (n = 1771)

Casual non-client partners

The median number of casual non-client partners reported by FSW in the past 12 months was 2 overall and ranged from 1 to 5. Over two thirds of FSW (68.9%) overall reported using a condom at last sex with a casual partner, although this proportion was as low as 0.0% in Taunggyi and Lashio, respectively. The proportion of FSW who reported using a condom at last sex with a casual partner was generally higher than the proportion who reported using a condom at last sex with a regular partner, but lower than the proportion who reported using a condom at last sex with a client. Of those who had casual partners, FSW most commonly reported that they always used a condom with a casual partner in the last month (55.1% overall). However, notable proportions of FSW reported never using a condom with casual partners in Lashio, Mandalay, Pakkoku and Taunggyi.

Figure 39. Median number of casual partners in past 12 months

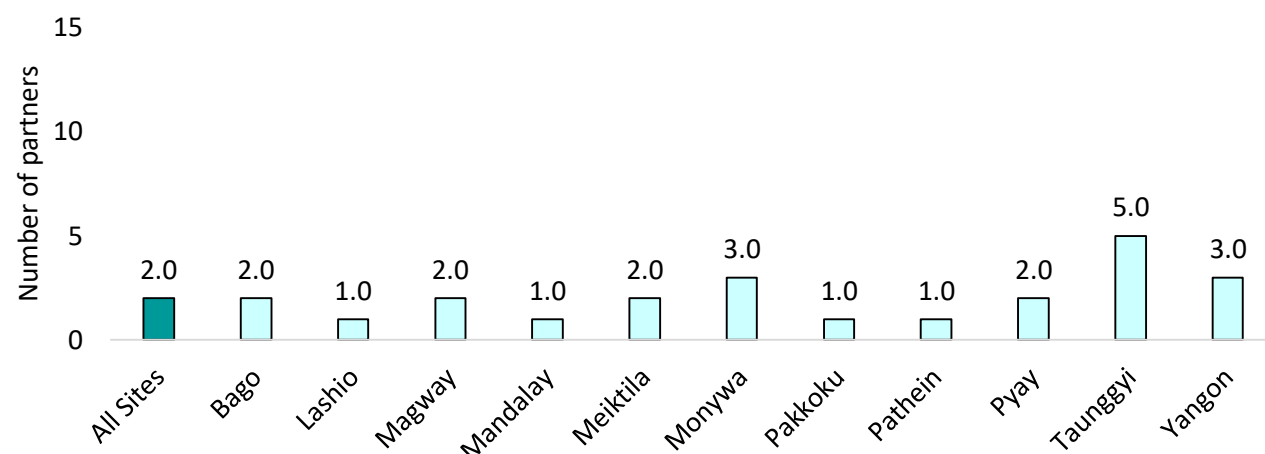
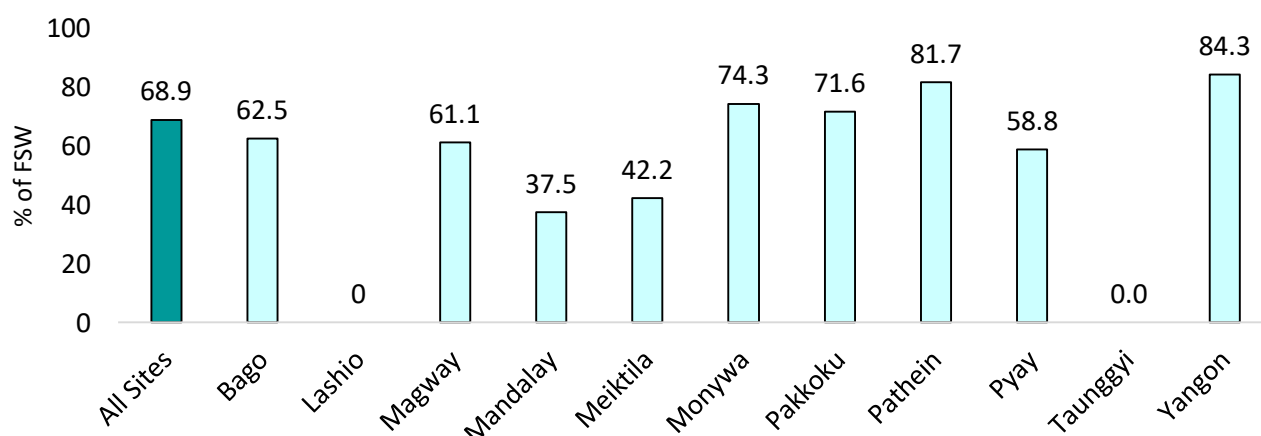
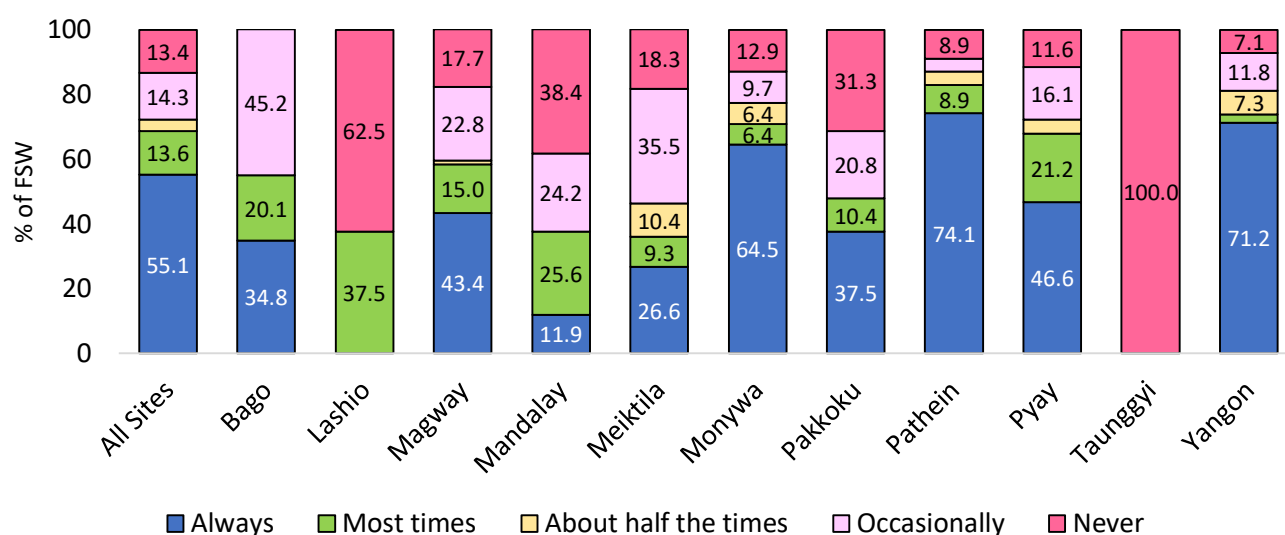


Figure 40. Percent of FSW who used condom at last sex with a casual partner*^a

*Denominator is the number of participants who had 1 or more casual partners (n = 592)

^aOverall, 0.2% of participants did not provide an answer

Figure 41. Frequency of condom use in the last month with a casual partner*

*Denominator is the number of participants who had sex with a casual partner in past month (n = 499)

3.5. Stigma, discrimination and violence

Sexual violence

Participants were asked how often they had experienced sexual violence due to sex work in the past 12 months. Overall, 76.5% reported that they never experienced sexual violence, 18.8% reported that they sometimes experienced sexual violence, 3.8% reported that they often experience sexual violence and 0.9% reported that they always experience sexual violence. The proportion of FSW who reported that they often experienced sexual violence ranged from 0.0% in Lashio to 13.3% in Pyaw. The proportion of FSW who reported that they always experienced sexual violence ranged from 0.0% in Lashio, Meiktila, Pakkoku and Patheingyi to 6.2% in Bago.

Overall, 75.0% of FSW reported that they never been forced to have sex in the last 12 months. The proportion of FSW who reported that they sometimes were forced to have sex ranged from 5.3% in Pakkoku to 46.8% in Bago. The proportion of FSW who reported that they often were forced to have sex ranged from 0.0% in Lashio to 13.0% in Pyay. Overall, 0.5% of participants reported that they were always forced to have sex in the last 12 months.

Figure 42. Frequency of sexual violence experiences due to KP status in the past 12 months

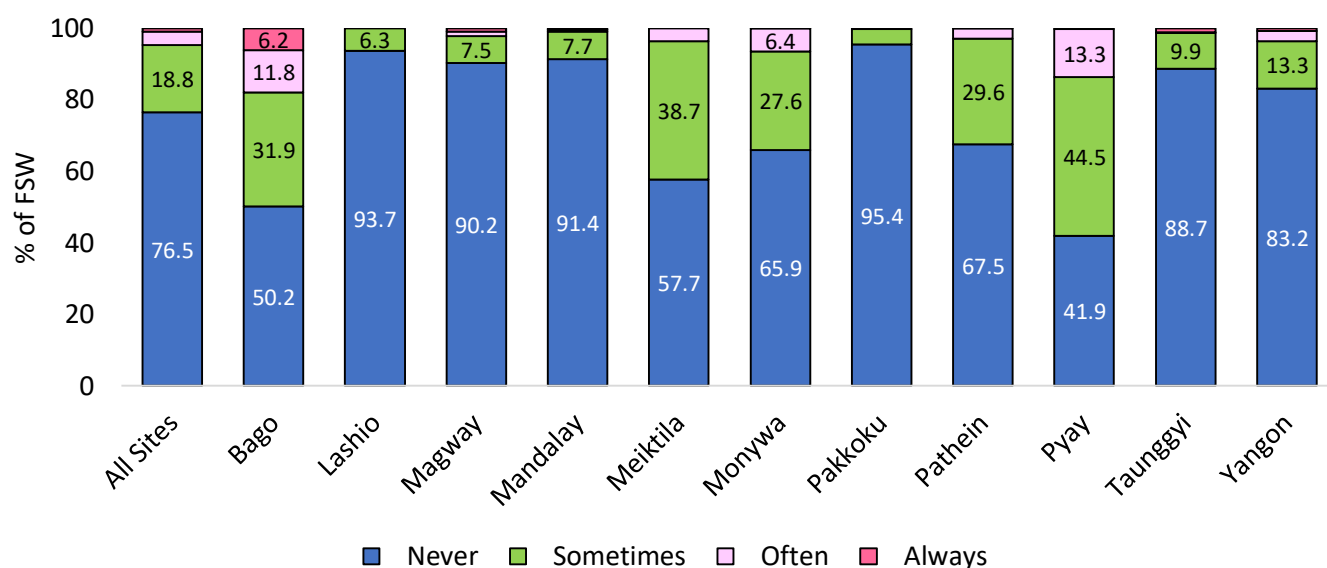
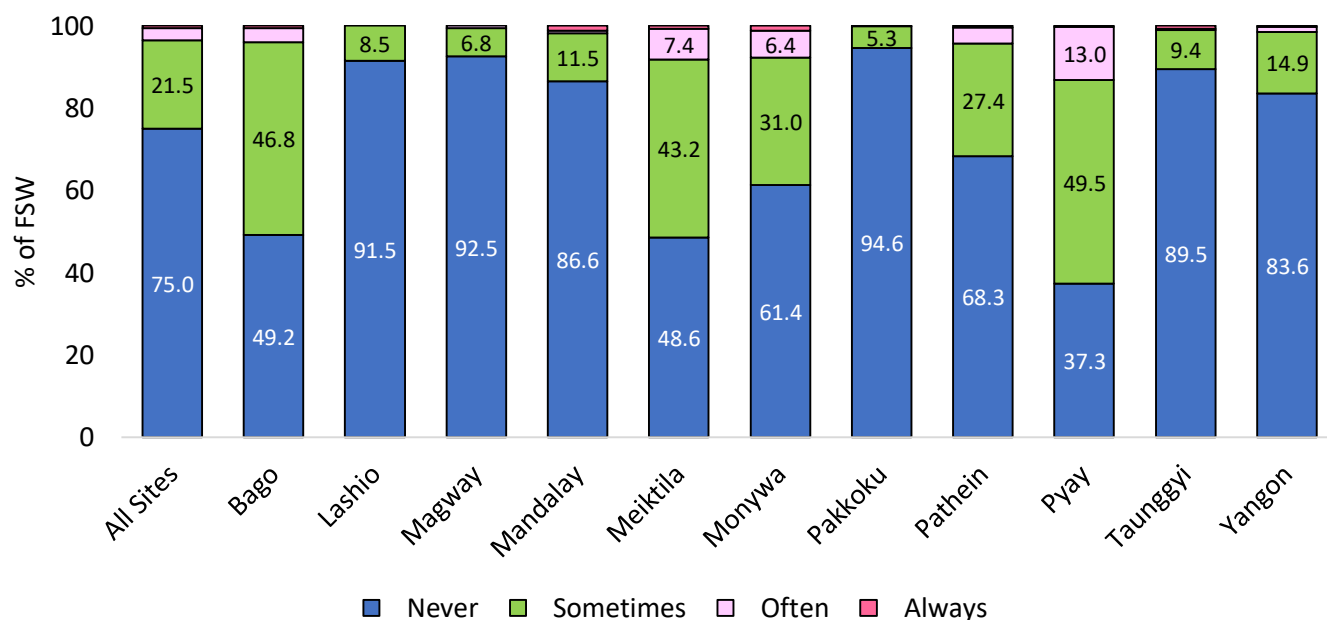


Figure 43. Frequency of forced sex in the last 12 months



Stigma and discrimination

Overall, 67.7% of FSW reported that they had never been harassed by authorities due to their KP status in the past 12 months, while 24.7%, 5.7% and 1.9% reported that they had sometimes, often, and always been harassed by authorities, respectively. The proportion of participants who had experienced harassment was lowest in Taunggyi, in which 92.2% of FSW reported that they had never been harassed. Harassment by authorities was high in Meiktila, in which 47.3% of FSW reported being harassed sometimes and 17.1% reported being harassed often. The proportion of FSW who reported that they were always harassed ranged from 0.0% in Pyay to 14.2% in Bago.

Approximately 50% of FSW reported that they never felt afraid of seeking healthcare services due to their KP status, while the other 50% reported that they sometimes, often or always feared seeking healthcare.

Fear of seeking healthcare was high in Pyay, Pathein and Yangon, in which 13.1%, 18.4% and 18.6% of FSW reported often being afraid of seeking healthcare. The proportion of participants reporting fear of seeking healthcare was lower in Lashio and Taunggyi, in which over 75% of respondents reported never being afraid to seek healthcare services.

Overall, 53.4% of FSW reported that they never felt rejected by friends or family due to their KP status in the last 12 months, while the remaining 46.6% had experienced rejection sometimes, often or always. The proportion of FSW who reported having experienced rejection often ranged from 1.1% in Lashio to 36.8% in Bago. The proportion of FSW who reported having always experienced rejection ranged from 1.5% in Pakkoku and Pathein to 21.8% in Meiktila.

Figure 44. Proportion of FSW who had been harassed by police or other authorities because of KP status in last 12 months

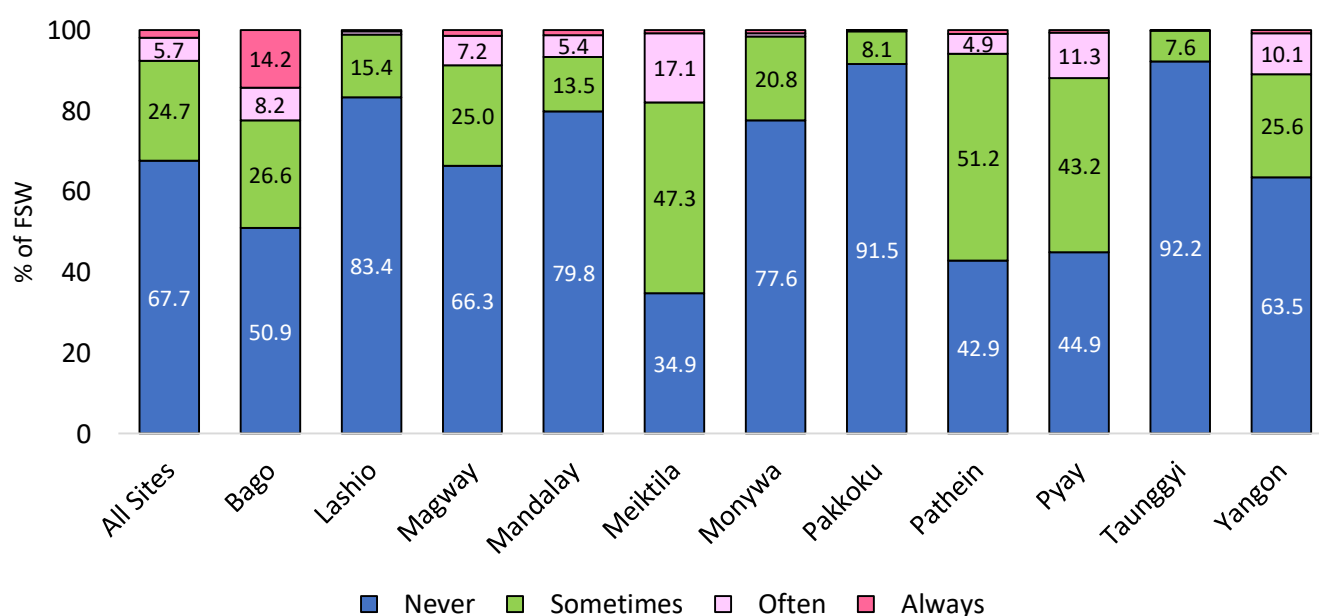
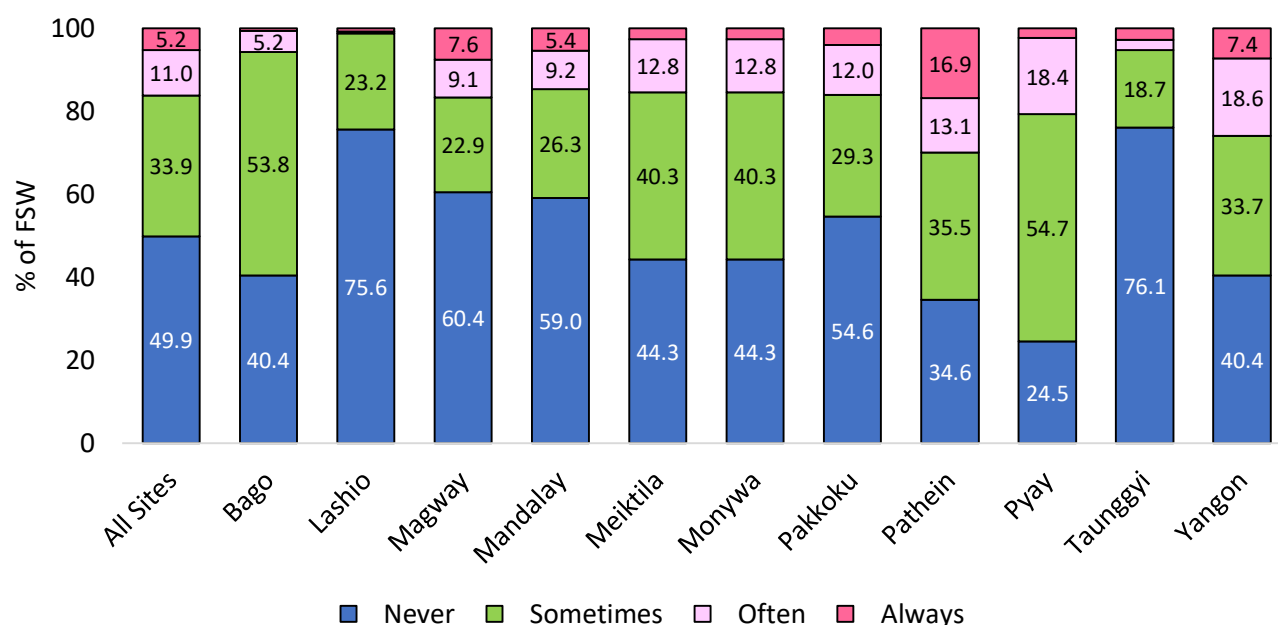
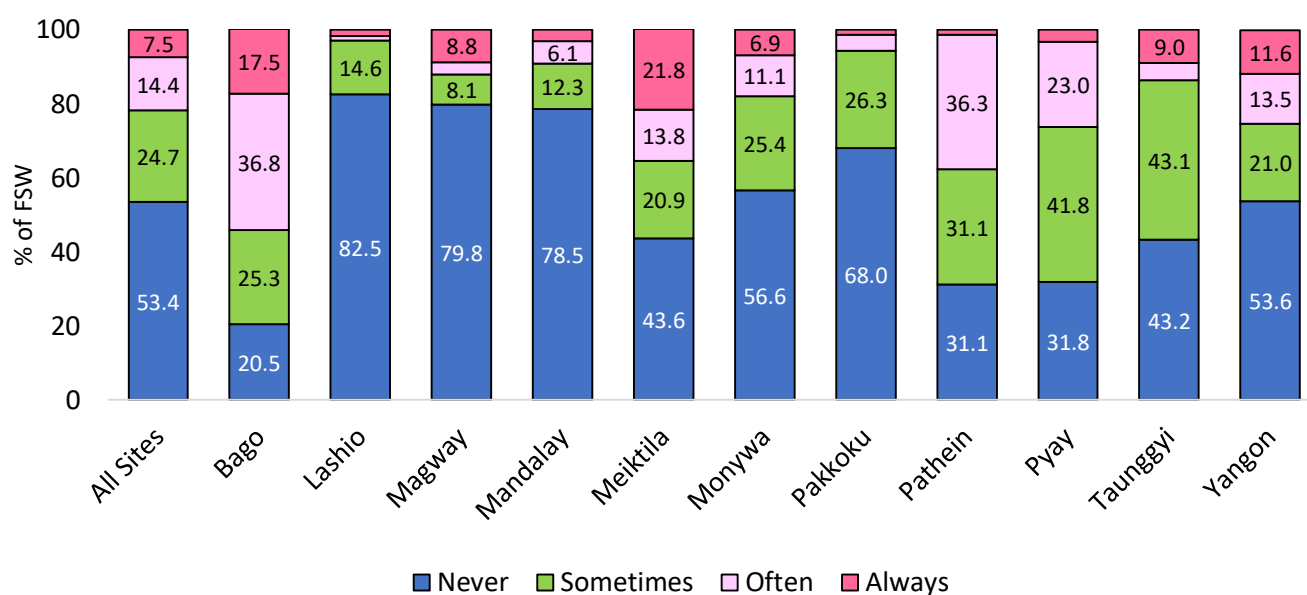


Figure 45. Proportion of FSW who were afraid of seeking health care because of KP status in last 12 months**Figure 46. Proportion of FSW have been rejected by family or friends because of KP status in last 12 months**

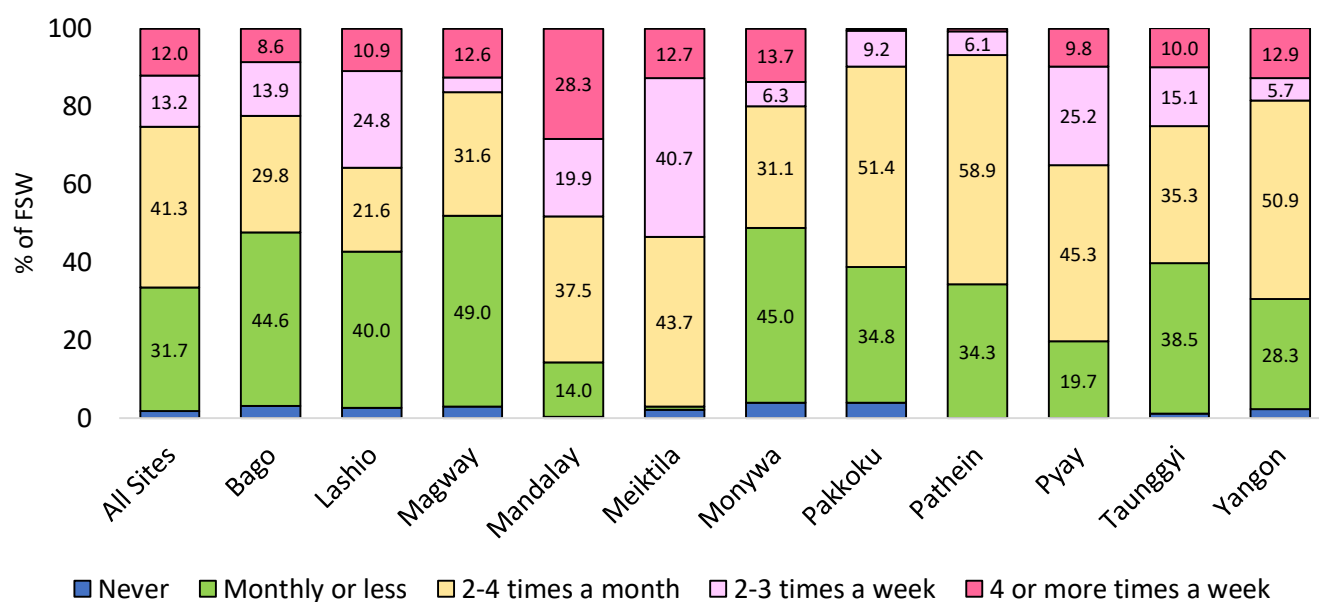
3.6. Alcohol and drug-related risk behaviour

Alcohol

Overall, 44.8% of FSW had ever had an alcoholic drink. Of those who had ever had alcohol, most FSW reported having alcohol monthly or less (31.7%) or 2-4 times per month (41.3%). Only 13.2% and 12.0% reported having alcohol 2-3 times per week or 4 or more times per week, respectively.

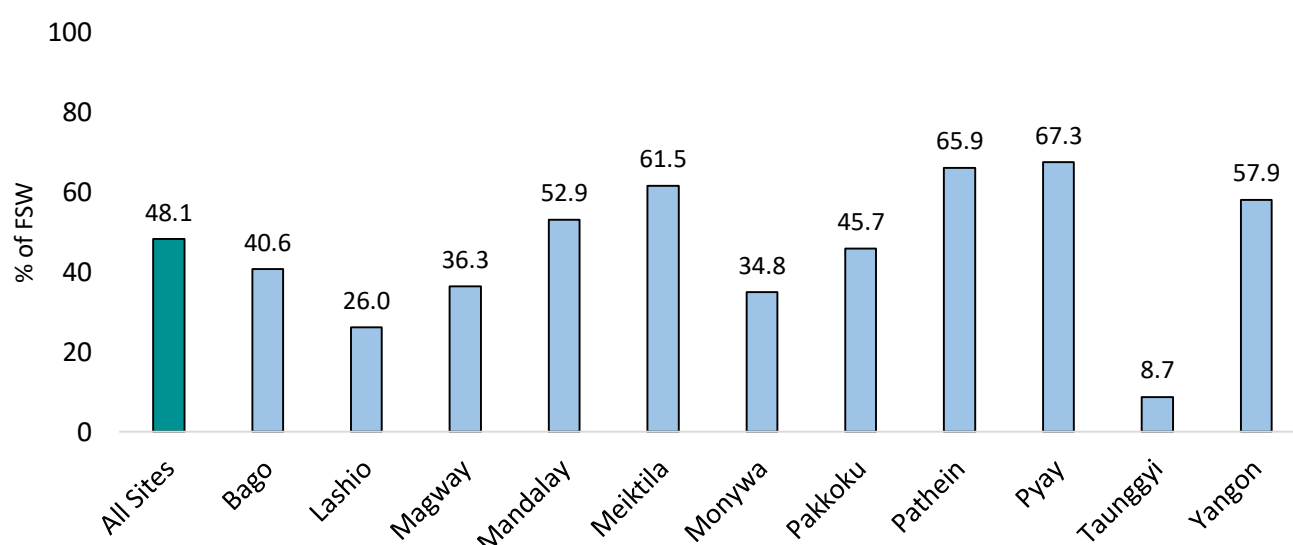
Among FSW who had alcohol in the past, nearly half (48.1%) had engaged in sex while under the influence of alcohol. The proportion of FSW who had sex under the influence of alcohol ranged from 8.7% in Taunggyi to 67.3% in Pyay. Of those, 42.7% reported always using a condom during sex while under the influence of alcohol. However, frequency of condom use while under the influence of alcohol varied widely by site. The proportion of FSW who always used a condom during sex while under the influence of alcohol was low in Pakkoku and Meiktila (11.9% and 8.7%, respectively) and high in Taunggyi and Monywa (72.6% and 64.8%, respectively).

Figure 47. Frequency of alcohol use in the last 12 months*

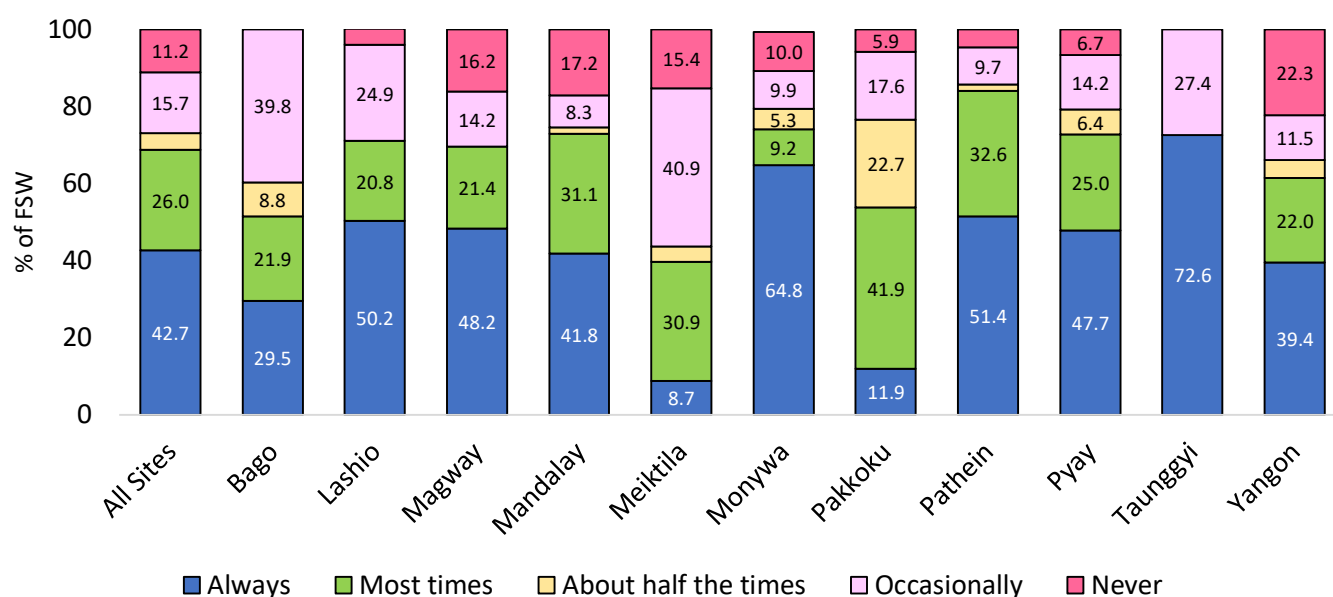


*Denominator is the number of participants who had ever had an alcoholic drink (n = 2361)

Figure 48. Percent of FSW who had sex under the influence of alcohol in the last 12 months*



*Denominator is the number of participants who had ever had an alcoholic drink (n = 2361)

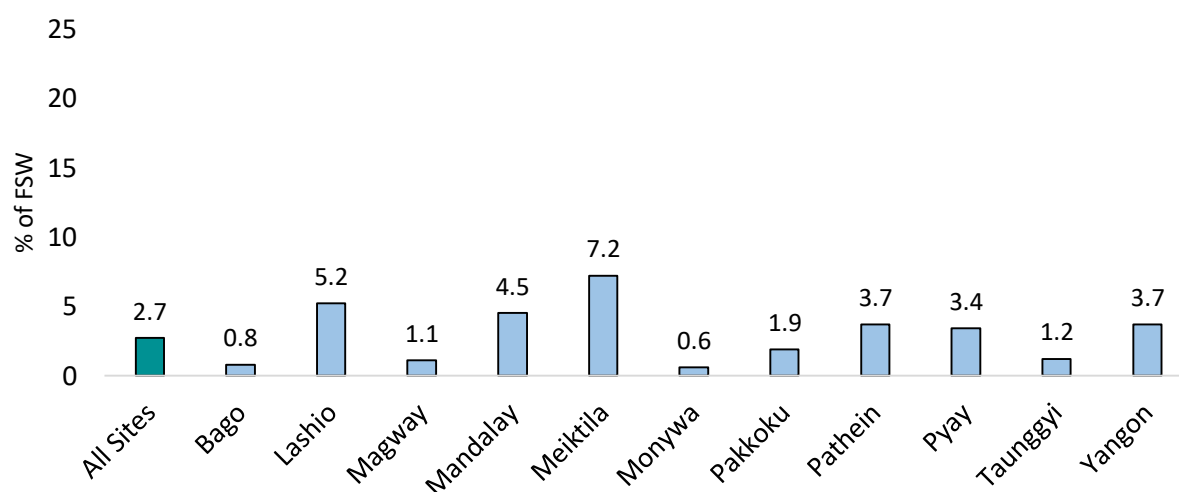
Figure 49. Frequency of condom use during sex under the influence of alcohol in the last 12 months*^a

*Denominator is the number of participants who had ever had sex under the influence of alcohol (n = 1203)

^aOverall, 0.1% participant did not answer

Non-medical drugs

Only 2.7% of FSW had ever used drugs for non-medical purposes. Of those, a large majority (88.1%) had used non-injection methods, while under 10% had used injection methods. Among FSW who had ever used non-medical drugs, 44.8% indicated that they had used drugs to make sex work easier. Approximately 30% of FSW who had used drugs to make sex work easier reported always using a condom while under the influence of drugs, while 33.8% reported using a condom most of the time while under the influence of drugs.

Figure 50. Percent of FSW who had ever used drugs for non-medical purposes^a

^aOverall, 1 participant did not answer

3.7. Condoms and lubricants

Sources of condoms

Most FSW knew of a place or person from which one could obtain condoms. The proportion of FSW who knew where to obtain condoms was 88.3% overall and ranged from 65.0% in Lashio to 100.0% in Pyay. Overall, the most commonly reported sources where FSW obtained condoms in the past 12 months were NGOs (51.0%) and pimps or managers (18.8%).

The proportion of FSW who reported that they could always obtain condoms when needed in the last 12 months was 81.8% overall and ranged from 62.6% in Pakkoku to 93.0% in Pyay. Among those who could not always get condoms when needed, the most frequently reported reasons were that condoms were not easily available (43.5%) and that FSW were embarrassed to get condoms (30.4%).

Overall, 59.9% of FSW preferred free condoms, 8.7% preferred branded condoms, and 30.0% reported no preference. A majority of FSW preferred free condoms in all sites with the exception of Meiktila and Pakkoku, in which the majority did not have a preference.

Figure 51. Percent of FSW who knew of place or person from which one could obtain condoms

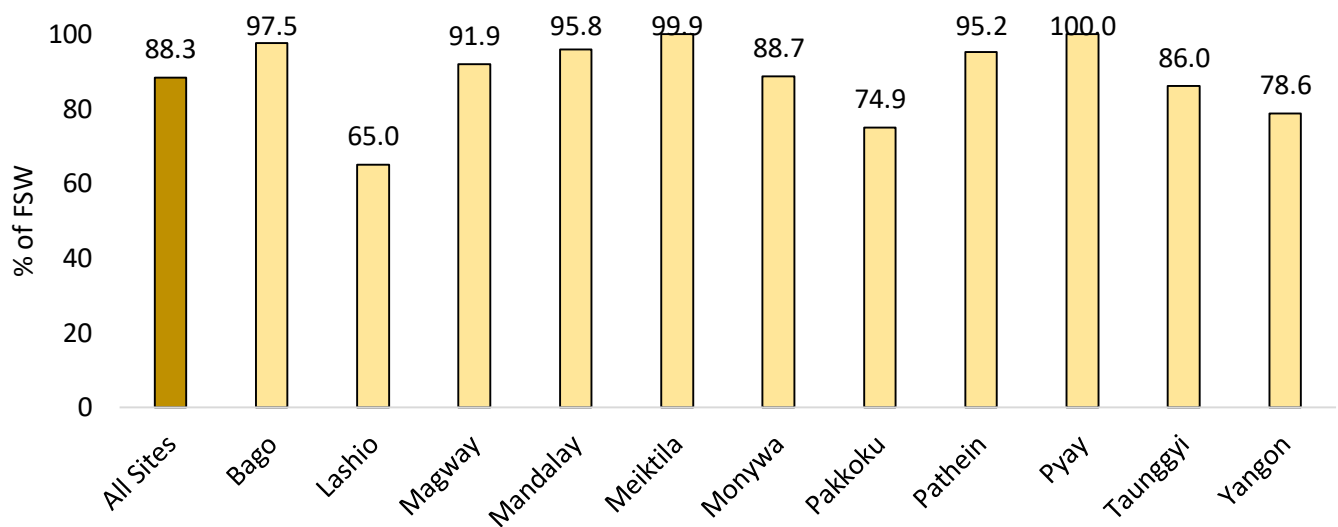
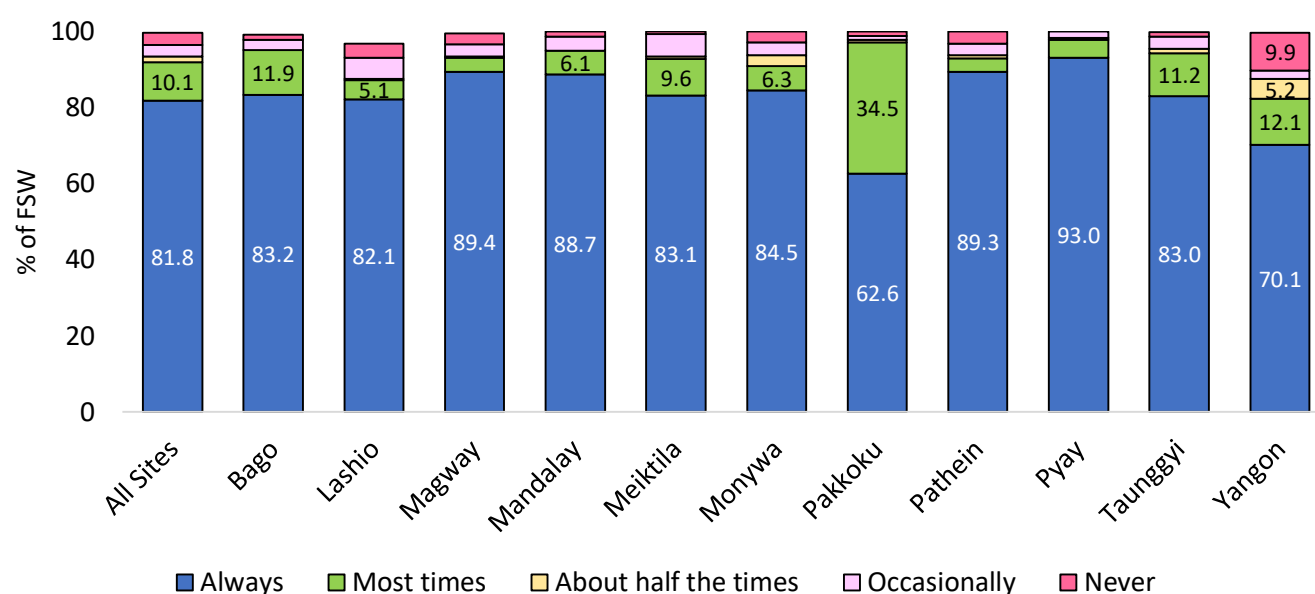


Figure 52. Frequency at which FSWs were able to get condoms when needed in the last 12 months**Table 8. Condom preference**

Survey site	Free condoms	Branded condoms	No preference
All Sites	59.9	8.7	30.3
Bago	74.8	4.6	18.6
Lashio	72.9	11.8	12.6
Magway	54.4	2.2	42.9
Mandalay	51.7	14.8	32.7
Meiktila	26.6	11.9	61.1
Monywa	63.1	14.8	32.7
Pakkoku	22.5	13.8	63.6
Patheingyi	72.5	0.5	27.0
Pyaw	61.5	19.4	19.1
Taunggyi	51.3	4.1	43.7
Yangon	67.8	5.9	23.2

Condom use behaviour and outreach

Over half of FSW overall (63.5%) reported that they regularly carry condoms. The proportion of FSW who carry condoms was lowest in Meiktila (32.3%) and highest in Pyaw (86.7%). Among those who did not usually carry condoms, the most frequently reported reason for not carrying condoms was that clients bring their own condoms (44.7%) and that condoms are available at the workplace (35.7%).

Overall, 35.6% of FSW had received free condoms in the last three months, although this proportion ranged from 1.2% in Meiktila to 62.4% in Pakkoku. Additionally, there was a wide variation across sites in the proportion of FSW who had received counselling on condom use and safe sex in recent months. Overall, 52.0% of participants reported that they had received counselling on condom use and safe sex in the last three months. However, up to 91.5% and 96.8% of FSW had received counselling in Meiktila and Pyay, respectively, while only 34.3% and 29.1% had received counseling in Pakkoku and Pathein, respectively.

In all sites, less than 50.0% of FSW had ever used a female condom. Overall, 21.6% of FSW has ever used a female condom, and the proportion who had ever used a female condom ranged from 5.1% in Pakkoku to 42.6% in Pyay.

Figure 53. Proportion of FSW who usually carry condoms

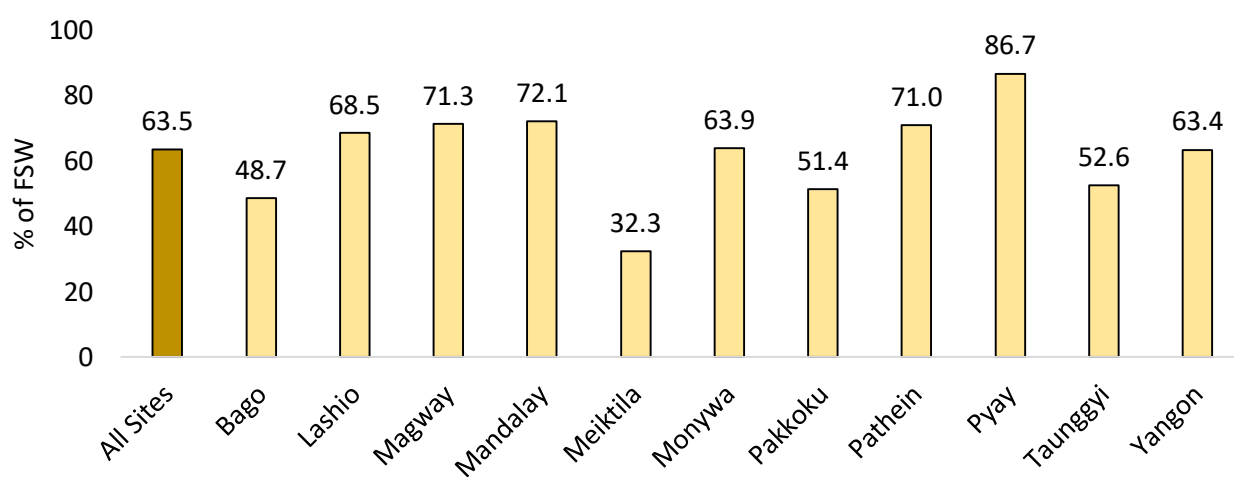


Figure 54. Proportion of FSW who received condoms for free in the past three months

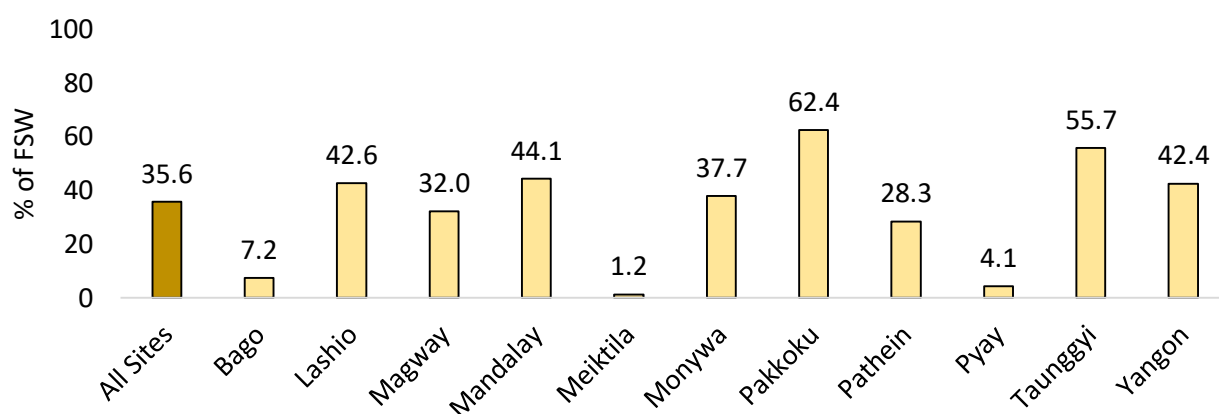
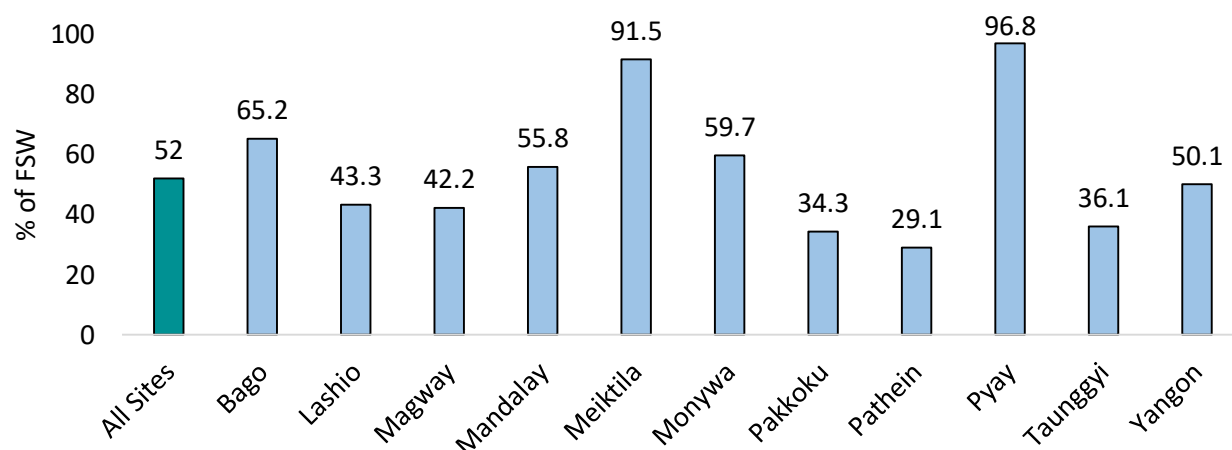
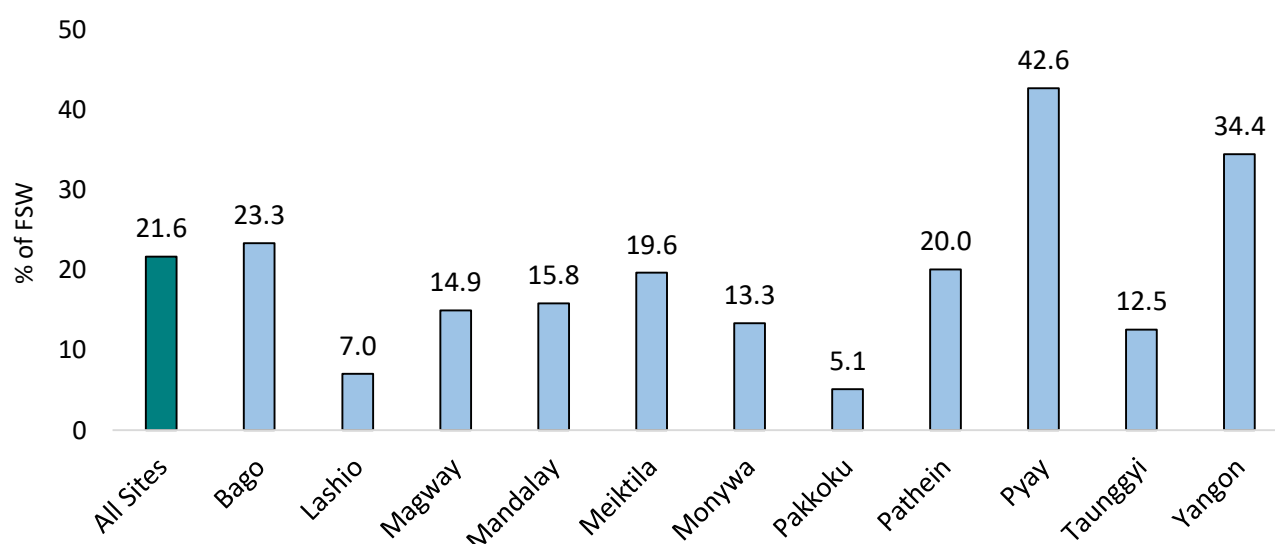
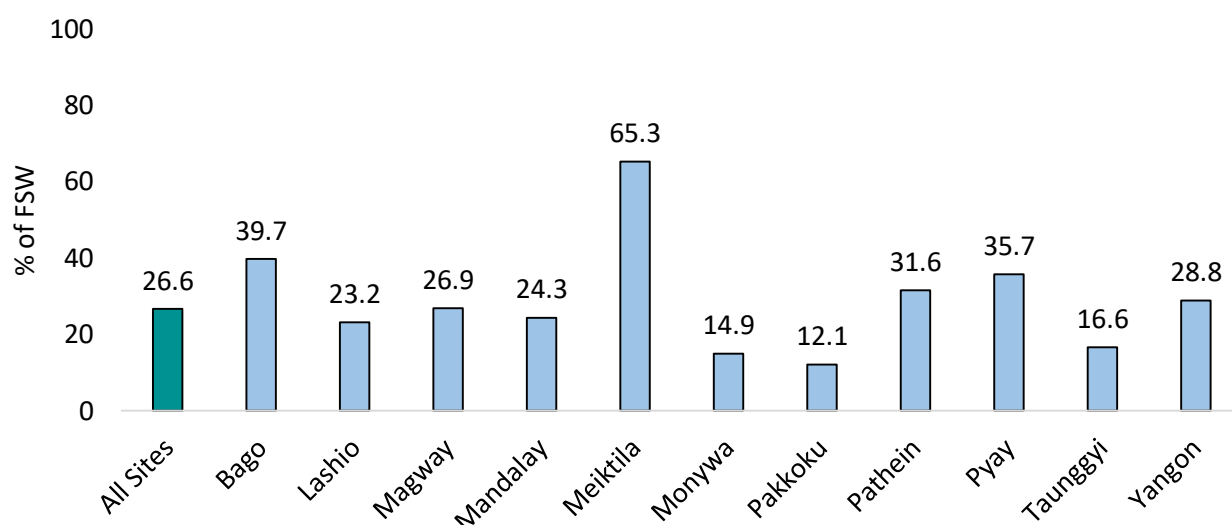


Figure 55. Proportion of FSW who received counselling on condom use and safe sex in the past three months**Figure 56. Proportion of FSW who had ever used a female condom**

Lubricants

Overall, 26.6% of FSW reported using a lubricant at last sex. The proportion of FSW who had used a lubricant at last sex was below 40% in all sites with the exception of Meiktila, in which a noticeably higher percent of respondents reported using a lubricant at last sex (65.3%). Among those who had used lubricant, 97.9% reported that they had used a water-based gel lubricant.

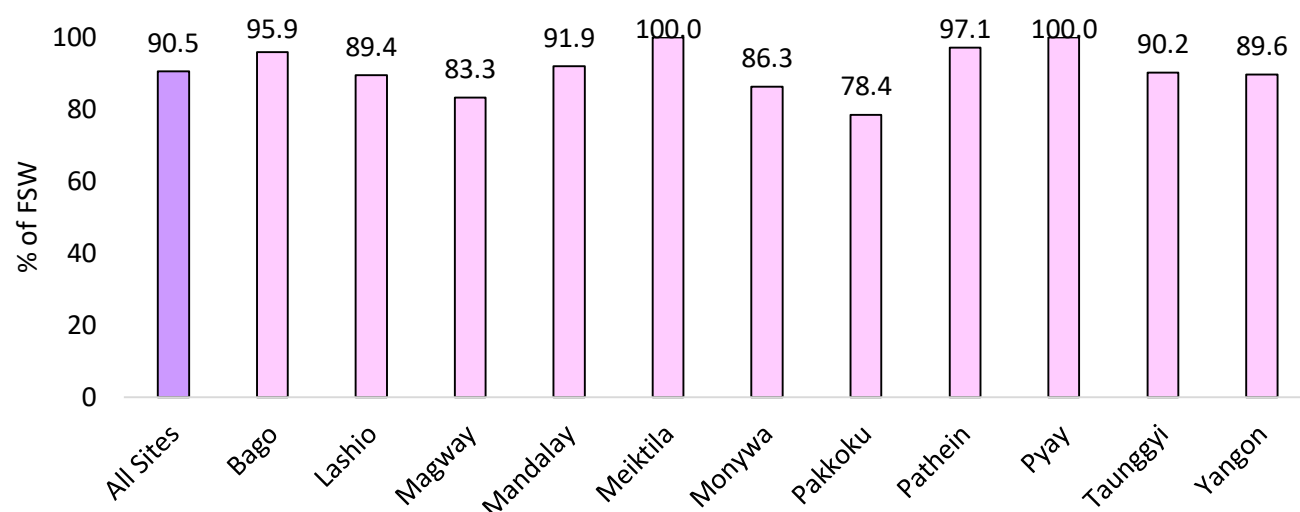
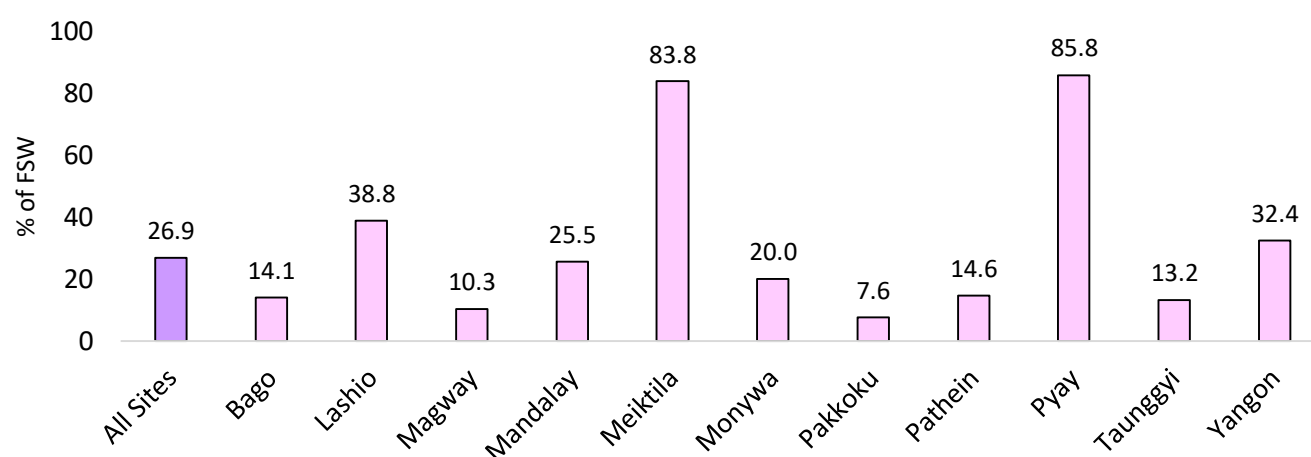
Figure 57. Proportion of FSW who used a lubricant at last sex

3.8. STIs

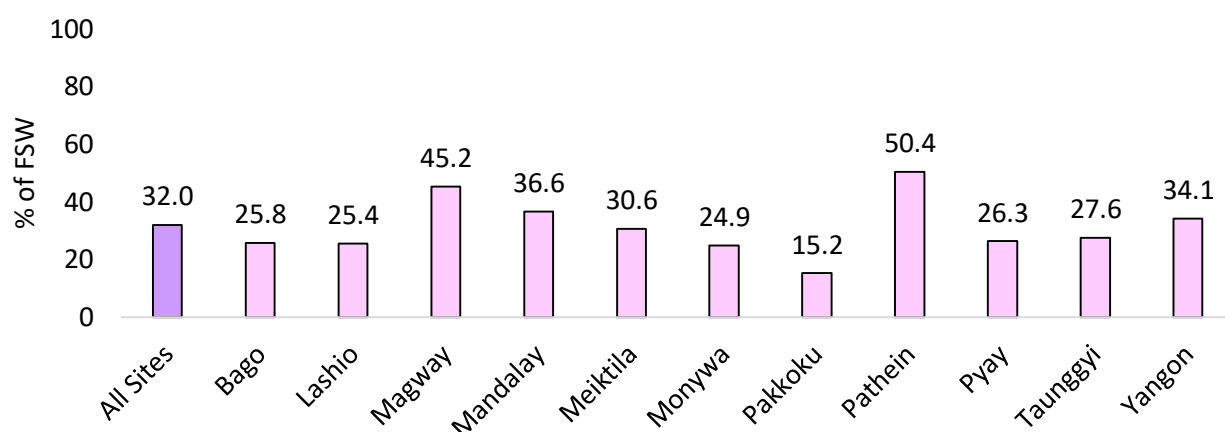
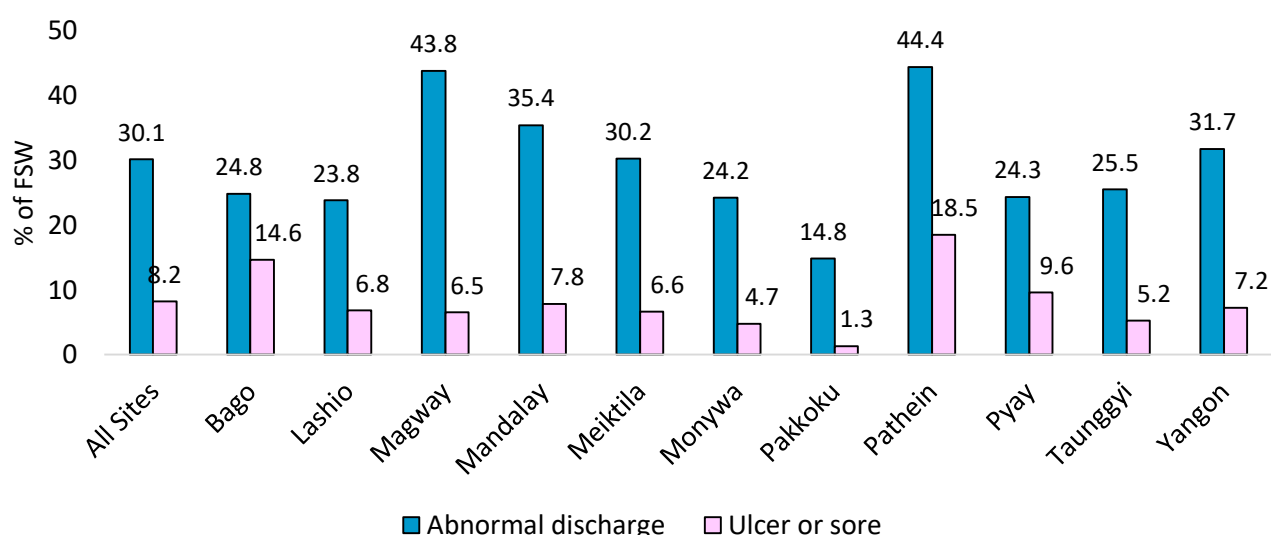
STI knowledge and testing

A majority of FSW across survey sites had heard of diseases that could be transmitted through sexual intercourse. Awareness of STIs was 90.5% overall and ranged from 78.4% in Pakkoku to 100.0% in Meiktila and Pyaw. FSW were also asked if they could describe symptoms of STIs in men and women. The most frequently identified STI symptoms in women were foul smelling discharge (68.6%), itchiness around genitalia (56.2%) and genital ulcers (36.4%). The most frequently identified STI symptoms in men were discharge from penis (59.5%), genital ulcers (36.6%) and painful urination (29.8%).

While approximately 27% of FSW overall had tested for STIs in the past three months, STI testing rates varied appreciably between survey sites. Only a small proportion of participants had recently tested for STIs in Pakkoku and Magway, with only 7.6% and 10.3% of FSW reporting an STI test in the past three months, respectively. However, up to 83.8% and 85.8% of FSW had tested for STIs in the past three months in Meiktila and Pyaw, respectively.

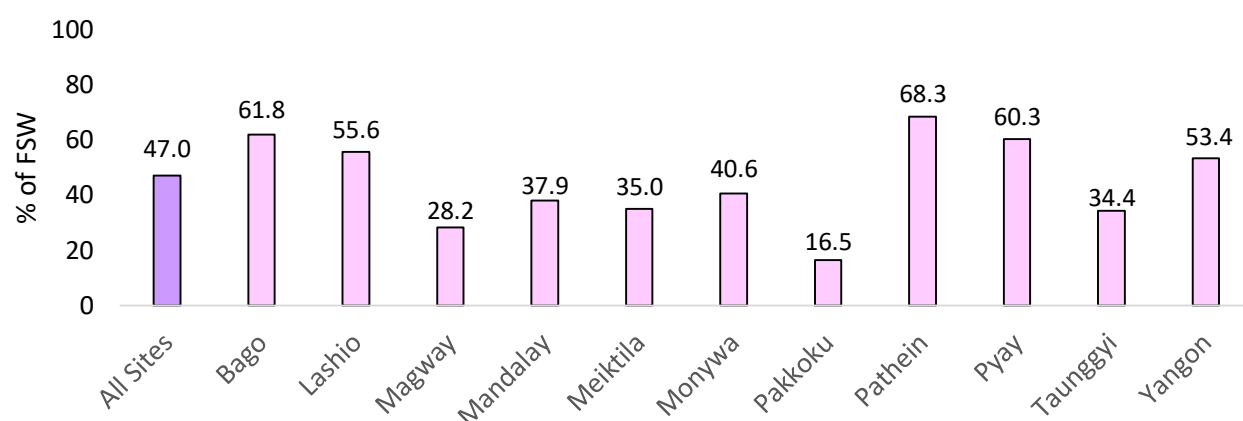
Figure 58. Ever heard of diseases that can be transmitted through sexual intercourse^a^aOverall, one participant did not answer**Figure 59. Tested for STIs in the last three months^{*a}**^aOverall, 0.2% of participants did not answer**STI symptoms**

Overall, 32.0% of FSW reported having experienced STI symptoms in the last 12 months. This proportion was lowest in Pakkoku (15.2%) and highest in Patheingyi (50.4%). When asked about specific symptoms experienced in the last 12 months, abnormal discharge was reported more frequently than ulcers or sores, overall (30.1% vs. 8.2%). The proportion of FSW who experienced abnormal discharge in the last 12 months ranged from 14.8% in Pakkoku to 44.4% in Patheingyi. The proportion of FSW who reported an ulcer or sore in the last 12 months ranged from 1.3% in Pakkoku to 18.5% in Patheingyi.

Figure 60. Experienced STI symptom in the last 12 months**Figure 61. Experienced STI symptom in the last 12 months, by symptom type**

STI treatment

Among those who had experienced an STI symptom in the last 12 months, the proportion of FSW who sought treatment was low overall (47.0%). The proportion of FSW who sought treatment for an STI was particularly low in Pakkoku (16.5%). The highest proportion of FSW who sought treatment for STI symptoms were observed in Patheingyi and Bago (68.3% and 61.8%, respectively). Generally, FSW who sought treatment most frequently sought care at NGO clinics (46.0% overall) and private hospitals, clinics or GPs (24.8% overall). The proportion of FSW who received STI treatment from an AIDS/STD team was low in most sites (7.7% overall) with the exception of Meiktila, in which 51.4% of FSW received treatment from an AIDS/STD team.

Figure 62. Percent of FSW who sought treatment, among those who experienced STI symptoms in last 12 months *

*Denominator is the number of participants who had experienced one or more STI symptoms (n = 1,574)

3.9. Knowledge and service utilization

Awareness of HIV and AIDS

The proportion of FSW who had ever received information on HIV or AIDS was 98.0% and was similarly high across all sites. Among those who had received information on HIV or AIDS, FSW most frequently reported receiving information from health providers (65.0%), friends or relatives (46.0%) and peers (40.5%) overall.

Comprehensive knowledge of HIV was defined as correctly answering the following six questions on HIV prevention and transmission: 1) can a person get HIV by having sex with only one uninfected partner who has no other partners? 2) can a person get HIV from mosquito bites? 3) can a person reduce the risk of getting HIV by using a condom in the right way every time they have sex? 4) can a person get HIV by sharing food with someone who is infected? 5) can a person get HIV by injecting with a needle that was already used by someone else? and 6) can a healthy-looking person have HIV? The proportion of FSW demonstrating comprehensive HIV knowledge was 48.1% overall and varied from 9.7% in Taunggyi to 67.4% in Bago. Compared to 2015, the proportion of FSW demonstrating comprehensive HIV knowledge had decreased appreciably in Monywa (61.7% in 2015 vs. 25.0% in 2019) and Patheingyi (72.9% in 2015 vs. 53.0% in 2019). Increases in comprehensive knowledge between survey years were observed in Yangon and Pyaw. However, the definition of comprehensive HIV knowledge used for the 2015 survey did not include the question regarding transmission risks associated with needle sharing.

Figure 63. Ever received information on HIV or AIDS

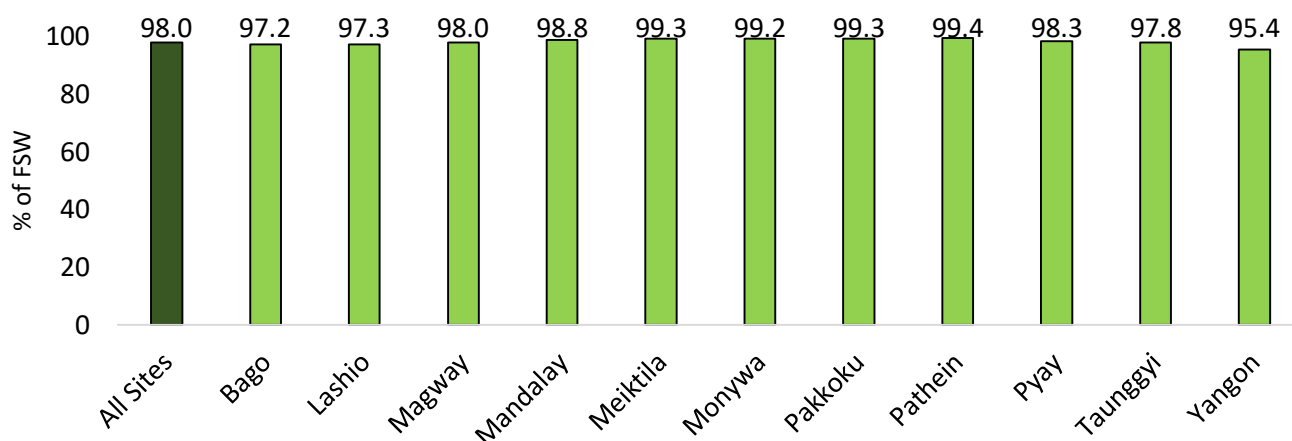
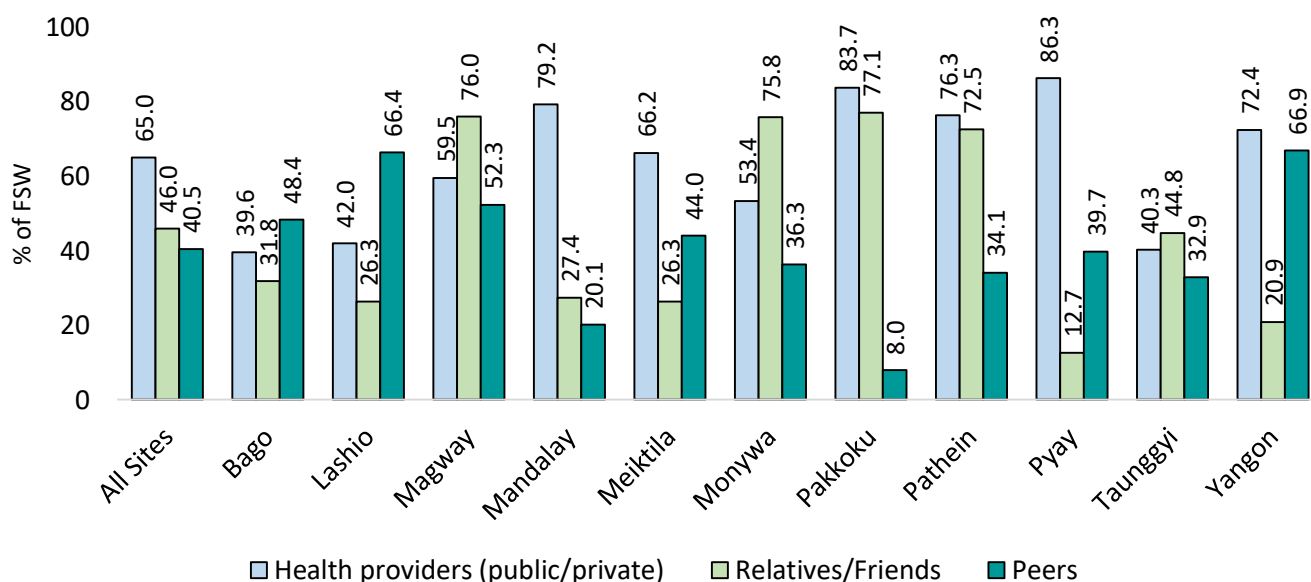


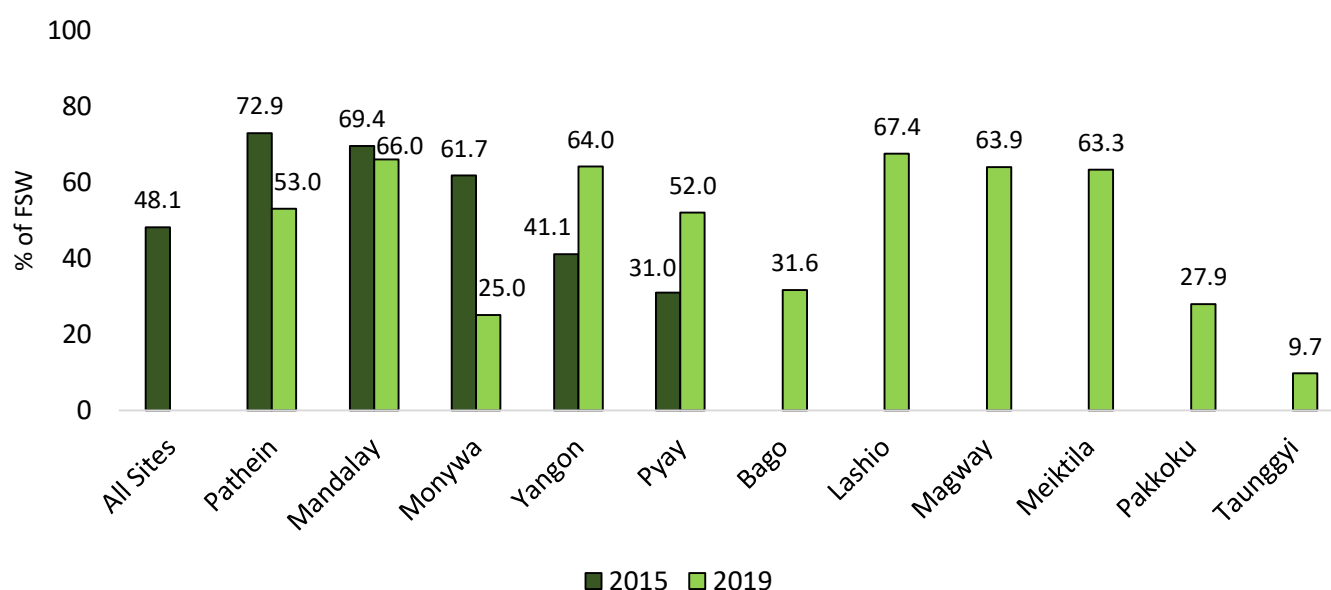
Figure 64. Most common sources of HIV/AIDS information, among those who had ever received information on HIV or AIDS^{a,b}



*Denominator is the number of participants who had received information on HIV/AIDS (n = 4,802)

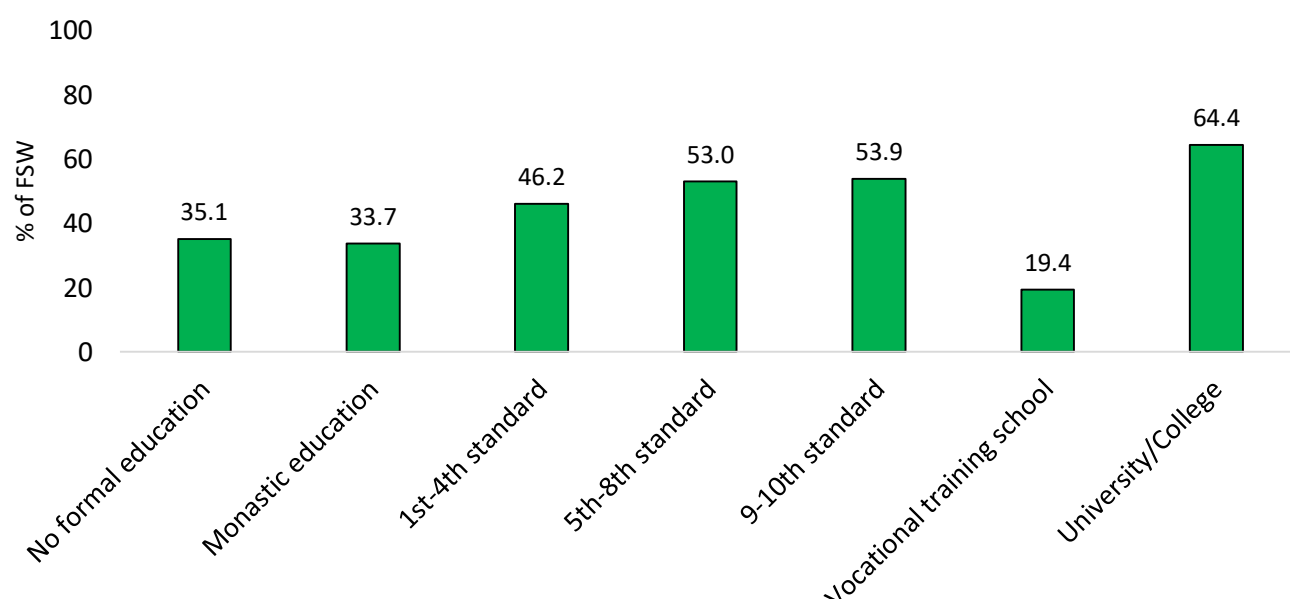
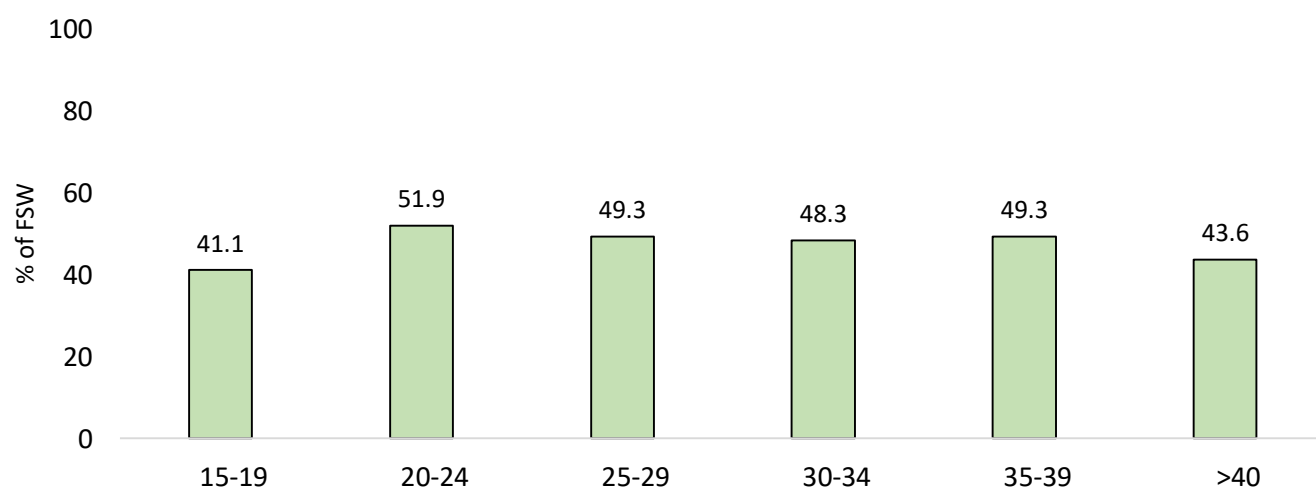
^aOverall, 0.4% of participants answered "other"

^aTop three most commonly reported answers displayed

Figure 65. Proportion of FSW demonstrating comprehensive HIV knowledge***HIV knowledge by socio-demographic characteristics***

In order to elicit trends in awareness of HIV transmission, comprehensive HIV knowledge was stratified by socio-demographic variables and sex work behaviour. When stratified by education levels, results showed that those who attained higher levels of education more commonly demonstrated comprehensive HIV knowledge. Comprehensive HIV knowledge was low among FSW who had no formal education (35.1%), attended vocational school (19.4%), and attended monastic education (33.7%). Increases in HIV knowledge were observed among higher levels of education, with FSW who had attended university or college demonstrating the highest level of HIV knowledge (64.0%). A small range of comprehensive HIV knowledge was observed when stratified by age groups. Comprehensive HIV knowledge was lowest among those aged 15-19 years (41.1%) and highest among those ages 20-24 years (51.9%).

Clear trends did not emerge when stratifying comprehensive HIV knowledge by sex work behaviour. The proportion of FSW who demonstrated comprehensive HIV knowledge was approximately 47.0%-48.0% among those who had been engaged in sex work for less than five years as well as those who had been engaged in sex work for five years or more. Comprehensive HIV knowledge rates also remained relatively consistent (between 47.0%-53.0%) when stratified by number of clients in the past month.

Figure 66. Proportion of FSW demonstrating comprehensive HIV knowledge, by education level**Figure 67. Proportion of FSW demonstrating comprehensive HIV knowledge, by age group****Table 9. Proportion of FSW demonstrating comprehensive HIV knowledge by sex work behaviour**

Sex work behaviour	Level of comprehensive HIV knowledge
Duration of sex work	
Less than 5 years	48.6
Greater than or equal to 5 years	47.6
Number of clients in last one month	
1-- 10	47.4
11 -- 20	52.5
>20	48.7

HIV testing behaviour

The proportion of FSW who had ever tested for HIV varied widely across sites. Overall, 64.5% of participants reported having ever tested for HIV. However, a low percent of FSW had tested for HIV in certain sites including Pakkoku (35.9%) and Monywa (51.0%). The proportion of participants who had ever tested for HIV was high in sites including Bago (84.6%), Meiktila (99.6%) and Pyay (99.7%). Among those who had ever tested for HIV, 40.6% had tested within the last 6 months, 17.7% had tested 6-12 months ago and 38.6% had tested over 12 months ago. In general, the proportions of FSW who had tested within the last 6 months or over 12 months ago were larger than the proportion of FSW who had tested 6-12 months ago. The distribution of HIV testing time frame was similar among FSW reporting a negative test result at last test, with 42.8% having tested within the last 6 months, 18.9% having tested 6-12 months ago and 36.2% having tested over than 12 months ago. The most frequently reported reasons for not testing overall were that the participant didn't think they had HIV (39.1%), were afraid of learning their HIV status (26.8%) or felt healthy (25.5%).

When asked to self-report the result of their last HIV test, the majority of FSW reported a negative result (91.3% overall). The proportion of FSW who reported a positive test result at last HIV test ranged from 1.8% in Meiktila to 18.3% in Yangon.

Figure 68. Percent of FSW who had ever been tested for HIV

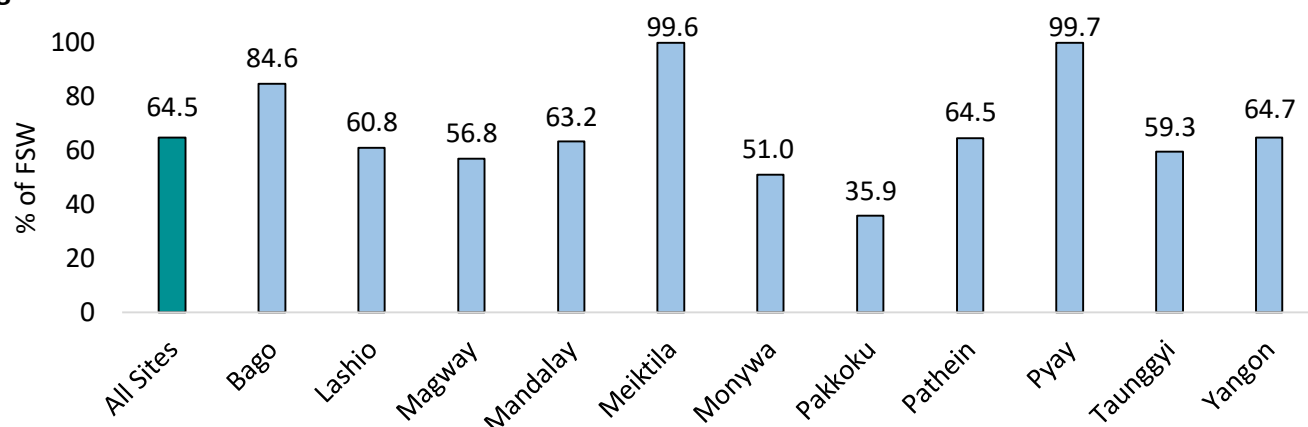
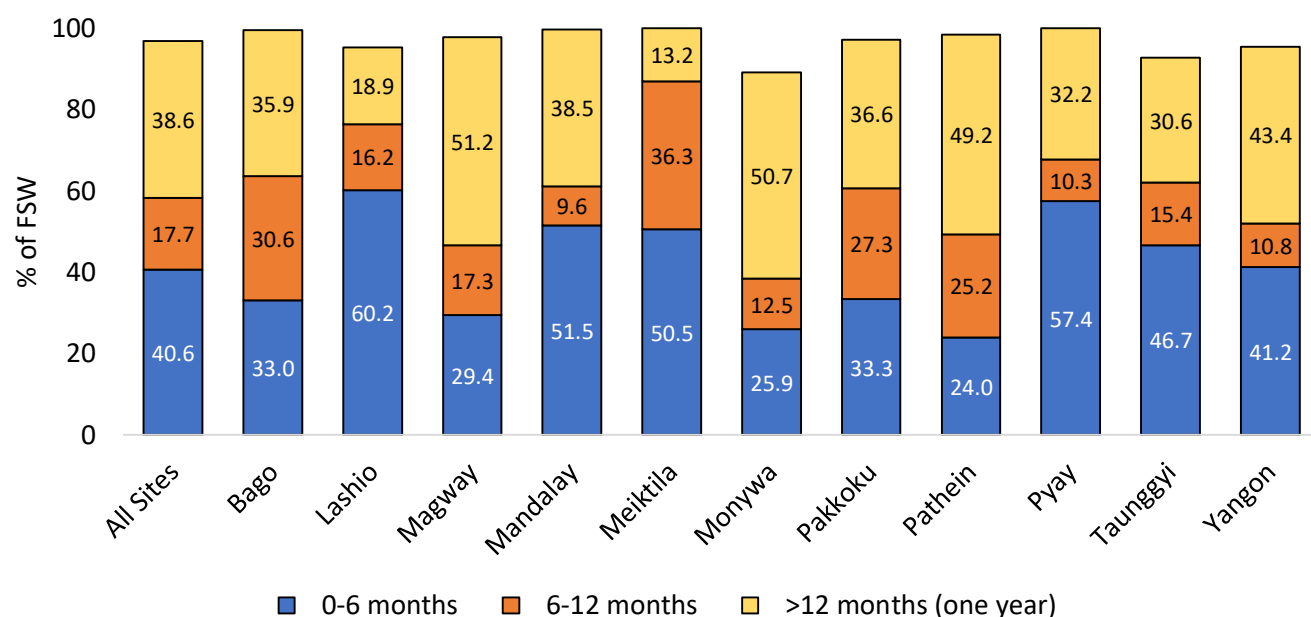


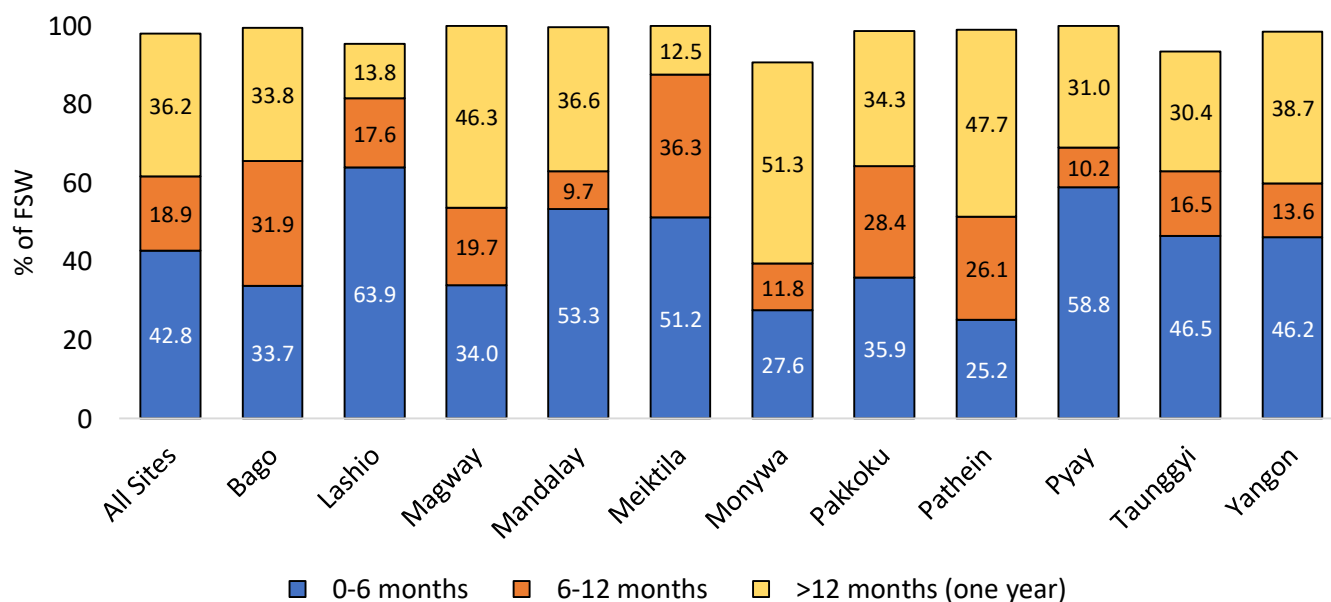
Figure 69. Last time tested for HIV*^a



*Denominator is the number of participants who had ever tested for HIV (n = 3302)

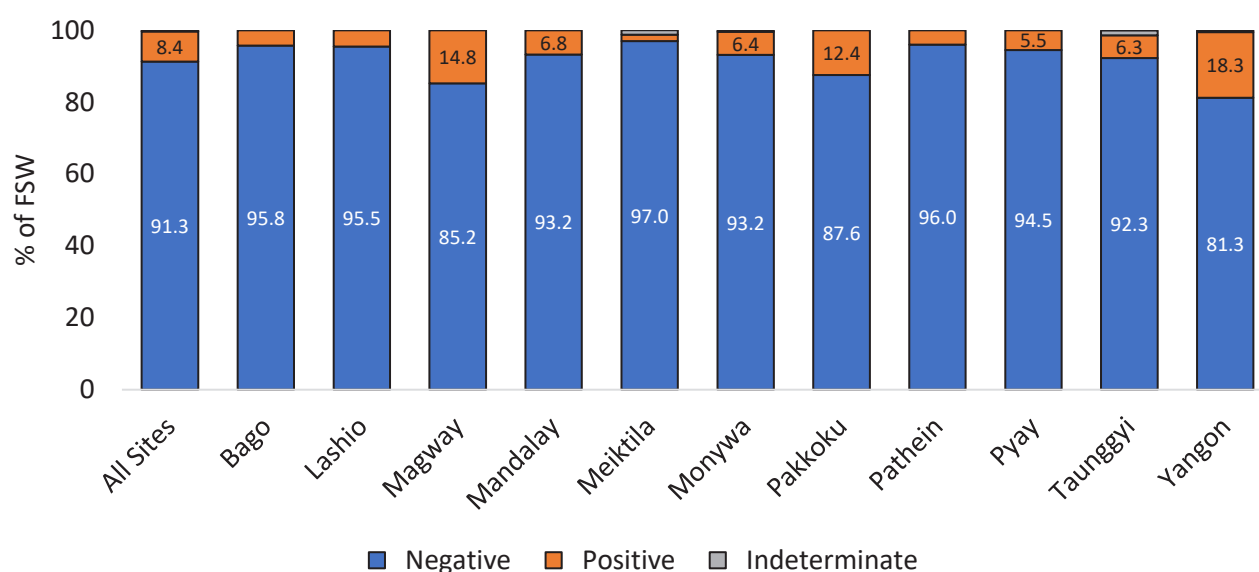
^a3.1% of participants overall answered "Do not remember/know"

Figure 70. Last time tested for HIV, among those who tested HIV-negative*^a



*Denominator is the number of participants who tested HIV-negative (n = 4493)

^aOverall, 3.1% of participants answered "don't know/remember"

Figure 71. Reported result of last HIV test, among FSW ever tested and received result^{*a}

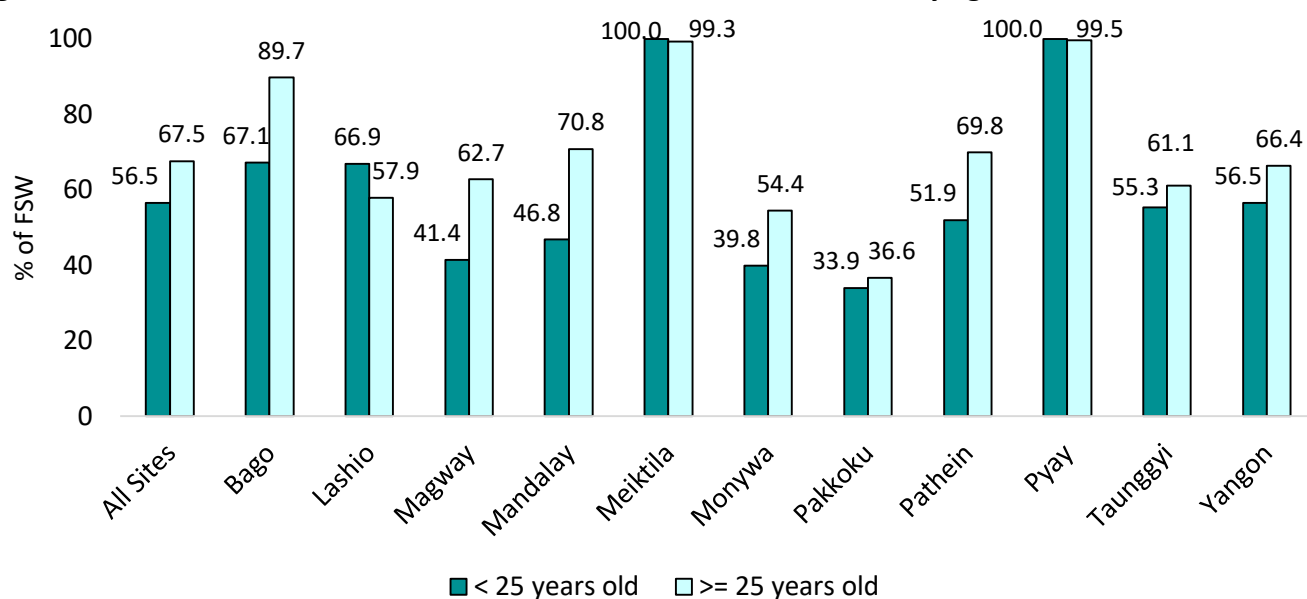
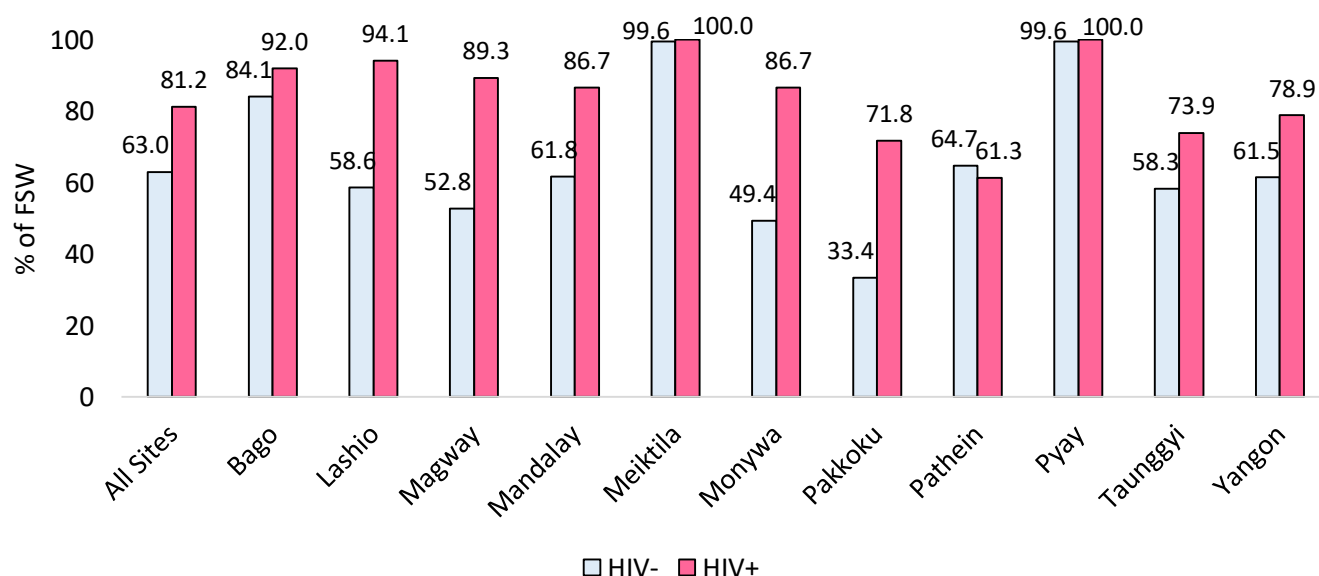
^{*}Denominator is the number of participants who had ever tested for HIV and received result (n = 3265)

^aOverall, one participant did not provide an answer

Characteristics of people getting tested

Overall, 67.5% of FSW 25 years of age or older reported ever testing for HIV, while 56.5% of FSW less than 25 years of age reported ever testing for HIV. The proportion of FSW 25 years of age or older who had tested for HIV was higher than the proportion of FSW less than 25 years of age who had tested for HIV in Bago, Magway, Mandalay, Monywa, Pakkoku, Patheingyi, Taunggyi and Yangon. The largest difference in testing between groups was observed in Mandalay, in which 70.8% of those aged 25 or older had tested for HIV compared to 46.8% of those less than 25 years. A greater proportion of FSW less than 25 years of age had tested for HIV compared to those 25 years or above in Lashio, Meiktila and Pyaw, although the differences between groups were small.

Those who tested positive for HIV in the IBBS more commonly reported having ever tested for HIV prior to the survey compared to those who tested negative for HIV in all sites, although the difference was very small in Meiktila and Pyaw, where high proportions in both groups had tested for HIV. Overall, 81.2% of those who tested HIV positive had ever tested for HIV while 63.0% of those who tested negative for HIV had ever tested.

Figure 72. Percent of FSW who had ever been tested for HIV, stratified by age**Figure 73. Percent of FSW who had ever been tested for HIV, stratified by HIV status**

Awareness and uptake of PrEP and PEP

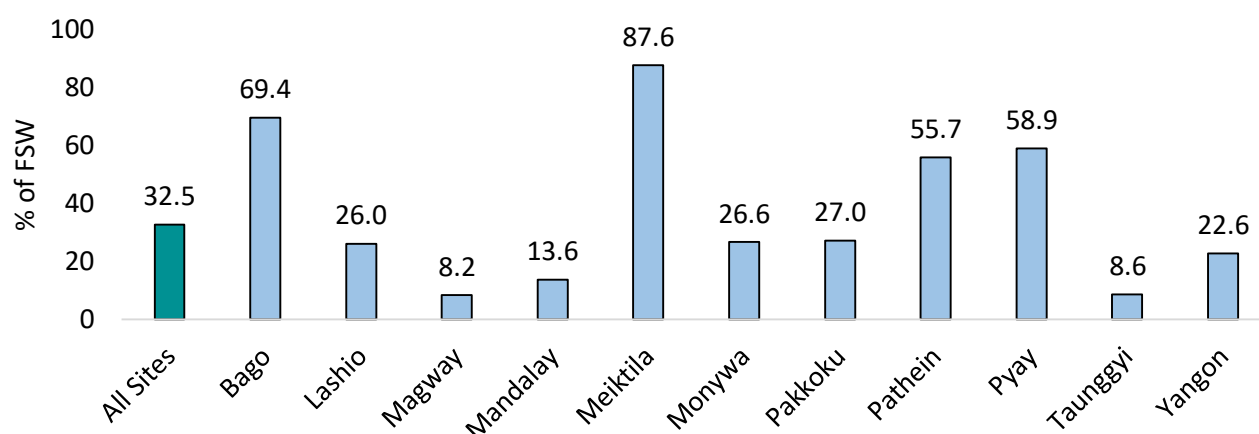
PrEP awareness among FSW who self-reported a negative or indeterminate result at last HIV test was low overall (32.5%) but varied across sites. Awareness of PrEP was highest in Meiktila (87.6%) and Bago (69.4%) and was lowest in Magway (8.2%) and Taunggyi (8.6%). Less than 1% of FSW who self-reported a negative or indeterminate result at last HIV test had ever taken PrEP.

Overall, PrEP willingness was relatively low, with 45.4% of FSW indicating that they would take PrEP. PrEP willingness was higher in Lashio (83.2%) and Patheingyi (69.2%). When asked if FSW would take PrEP if they

had to pay out of pocket, PrEP willingness decreased in all sites with the exception of Meiktila. Overall, 29.8% of FSW were willing to take PrEP if they had to pay out of pocket (range: 4.6% in Bago to 71.7% in Lashio).

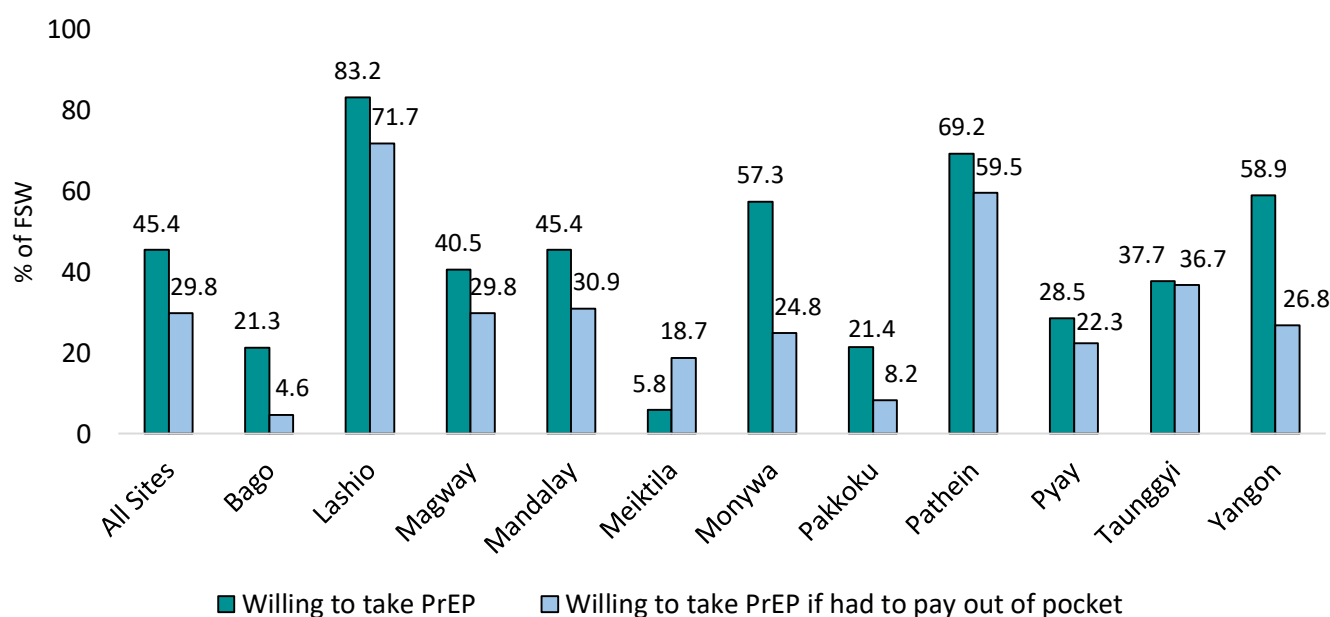
There was a large variation in the proportion of FSW who had ever heard of PEP across sites. Overall, 31.6% of FSW had ever heard of PEP. A large proportion of FSW had heard of PEP in Meiktila and Pakkoku (91.3% and 82.9%, respectively). However, less than 10% of FSW had heard of PEP in Bago, Lashio, Magway and Pyay. Only 0.8% of FSW overall had ever taken PEP.

Figure 74. Percent of FSW who had heard of PrEP, among those who did not report a positive HIV test*



*Denominator is the number of participants who did not report a positive HIV test (n = 4628)

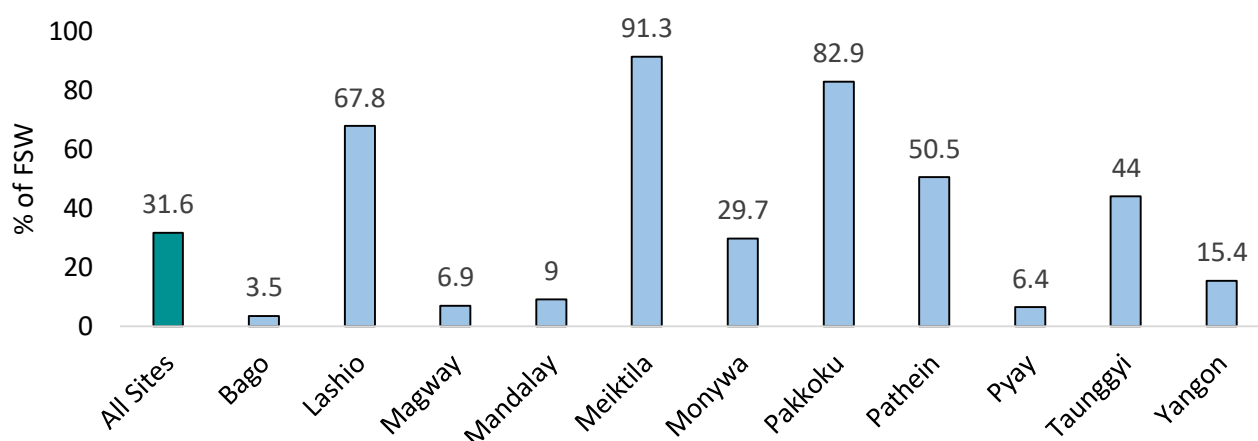
Figure 75. PrEP willingness, among those who did not report a positive HIV test*



*Denominator is the number of participants who did not report a positive HIV test (n = 4628)

^aOverall, one participant did not provide an answer

Figure 76. Percent of FSW who had ever heard of PEP, among those who did not report a positive HIV test*^a



*Denominator is the number of participants who did not report a positive HIV test (n = 4628)

^aOverall, 0.3% of participants answered "do not know"

3.10. HIV prevalence and correlates of infection

Overall HIV prevalence

HIV prevalence was 8.2% overall and ranged from 2.2% in Meiktila to 17.8% in Yangon. Decreases in HIV prevalence were observed between the 2015 and 2019 IBBS in all sites included in both surveys. The largest decreases in HIV prevalence were observed in Mandalay (14.0% in 2015 vs. 6.1% in 2019) and Yangon (25.0% in 2015 vs. 17.8% in 2019). Generally, HIV prevalence among FSW less than 25 years of age was lower than HIV prevalence among those 25 years of age or older. Overall, HIV prevalence among FSW less than 25 years of age was 3.7% and HIV prevalence among FSW 25 years of age or older was 9.9%. The largest difference in HIV prevalence between age groups was observed in Yangon, in which HIV prevalence among those less than 25 years of age was 2.8% and HIV prevalence among those 25 years or older was 20.8%.

Overall, HIV prevalence was similar across sex work typologies (between 7% -10%). HIV prevalence was 4.5% among FSW who had been engaged in sex work for one year or less and 8.7% among FSW who had been engaged in sex work for over one year.

Figure 77. HIV Prevalence among FSW

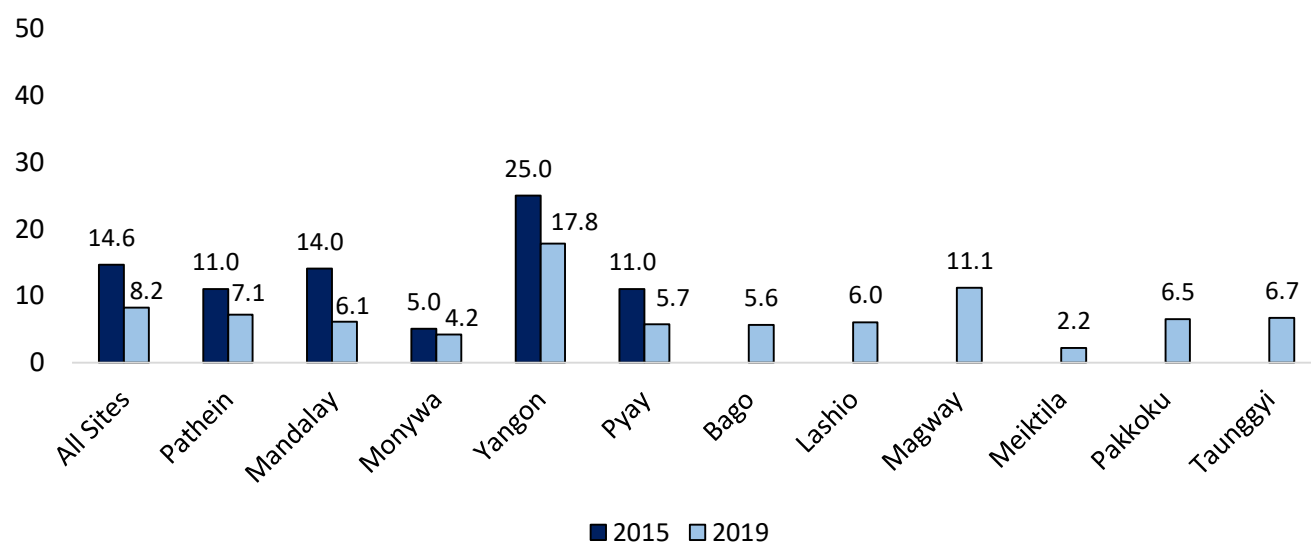


Figure 78. HIV Prevalence among FSW, stratified by age (2019)

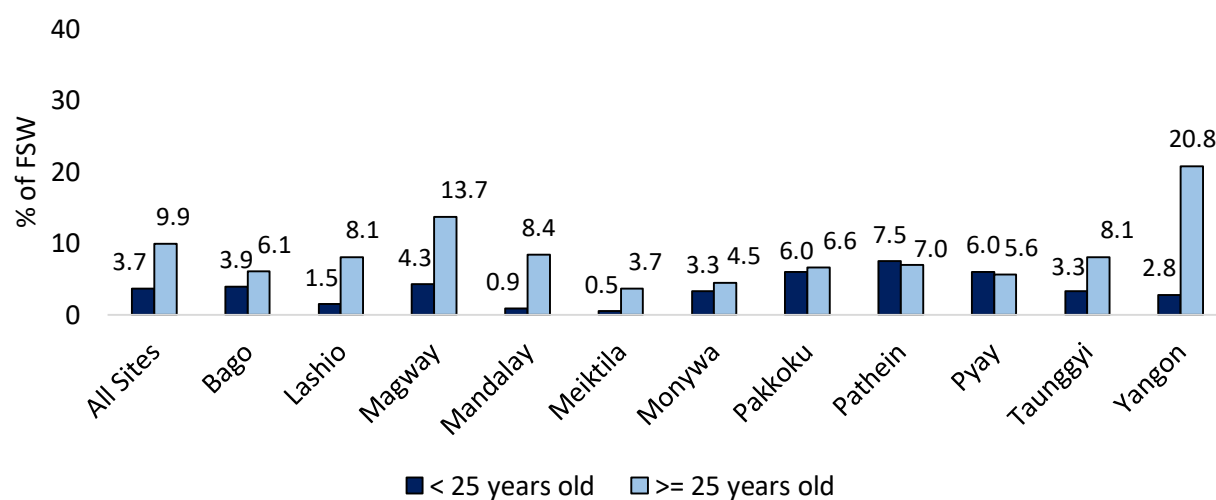
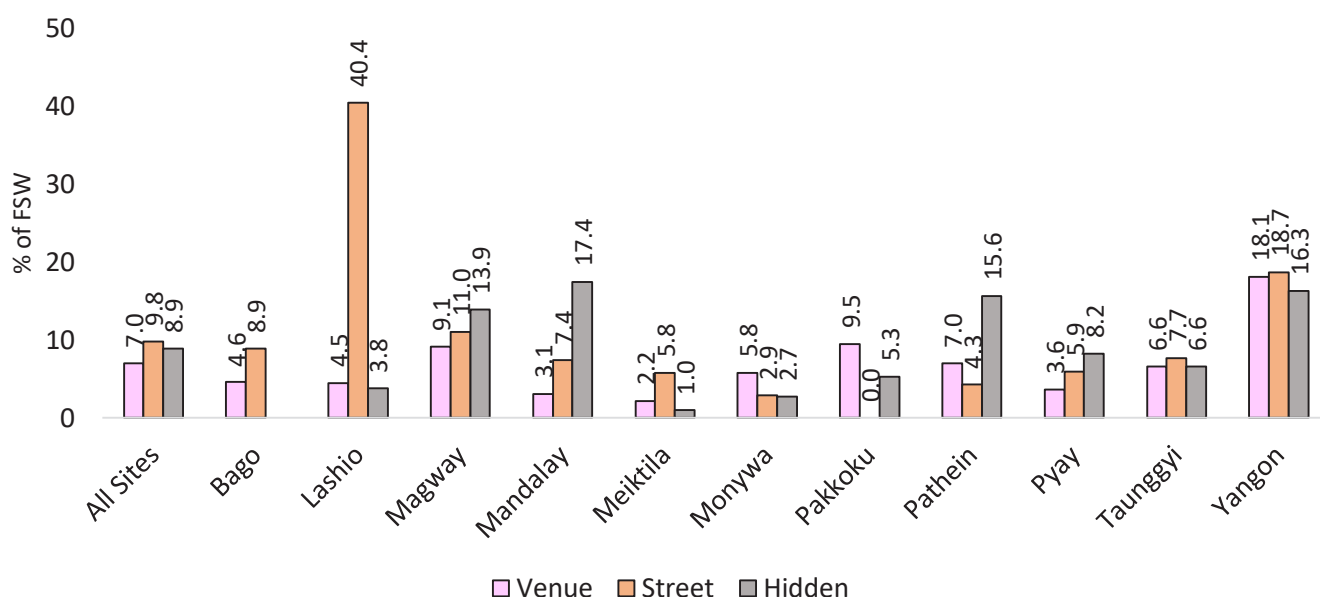
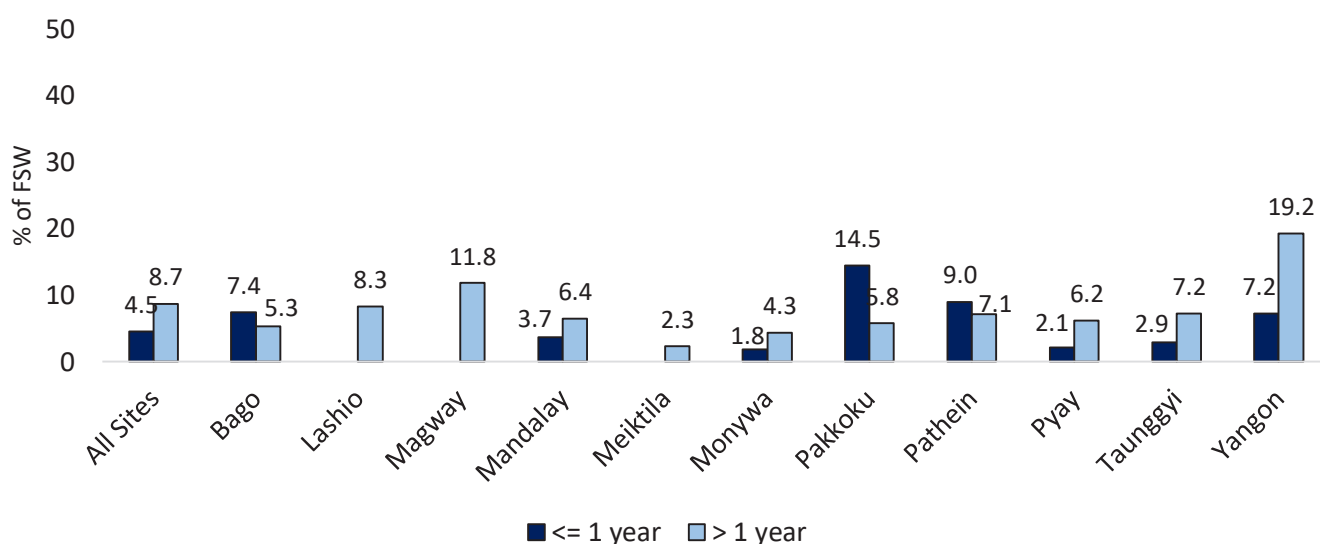
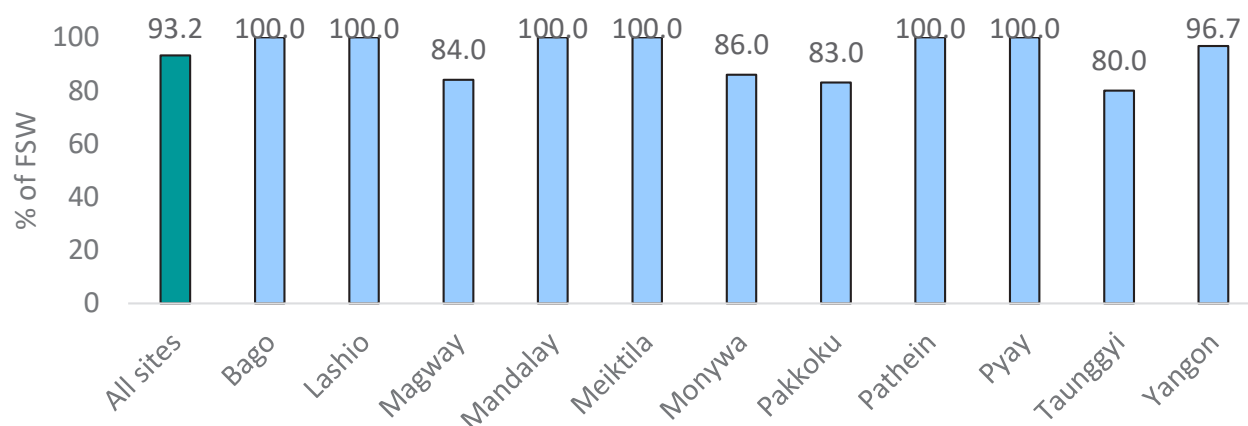


Figure 79. HIV Prevalence among FSW, stratified by sex work typology**Figure 80. HIV Prevalence among FSW, stratified by duration of sex work**

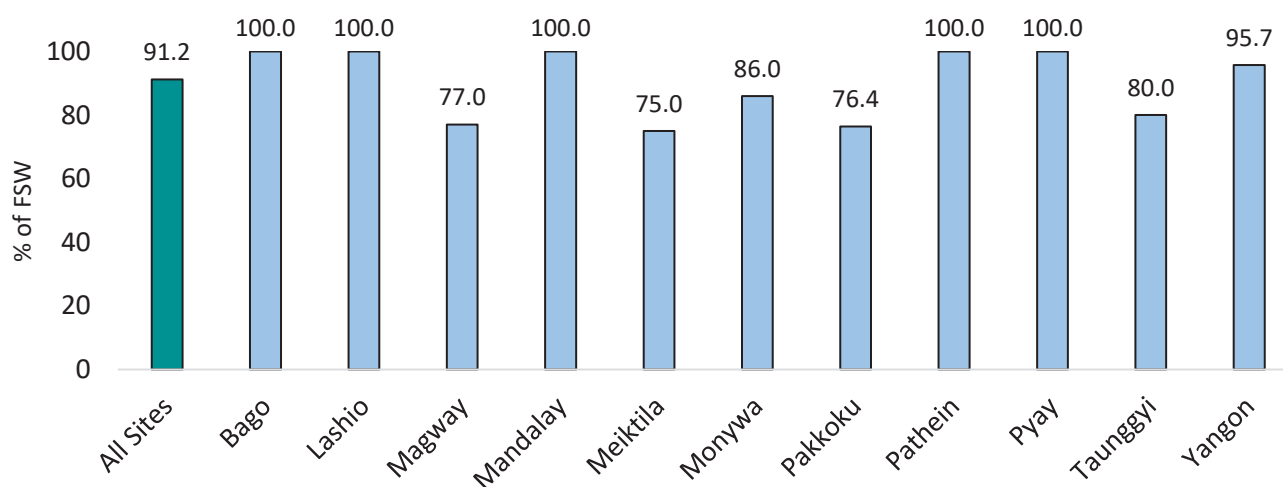
HIV Treatment

The proportion of FSW who had ever taken ART among those who self-reported HIV positive was generally high. Overall, 93.2% of FSW who self-reported HIV positive had ever taken ART. In Bago, Lashio, Mandalay, Meiktila, Patheingyi and Pyaw, 100.0% of FSW who previously tested HIV positive had ever taken ART. However, fewer participants had ever taken ART in Taunggyi (80%), Pakkoku (83%), Monywa (86%) and Magway (84%).

Among those who self-reported HIV positive, 91.2% of FSW were currently taking ART. The proportion of FSW currently taking ART among those who self-reported HIV positive was 100.0% in Bago, Lashio, Mandalay, Patheingyi and Pyaw. The lowest proportion of FSW currently taking ART was observed in Meiktila (75.0%). The most frequently reported sources of ART were NGO clinics (41.4%) and AIDS/STD teams (28.7%).

Figure 81. Ever taken antiretroviral therapy to treat HIV infection, among those who self-reported HIV positive*

*Denominator is the number of participants who self-reported HIV-positive (n = 262)

Figure 82. Percentage of FSW currently taking ART, among self-reported HIV-positive*

*Denominator is the number of participants self-reported HIV positive (n = 262)

HIV treatment cascade

FSW were asked about awareness of HIV status, linkage to care and viral suppression in order to assess progress towards the 95-95-95 targets. Figures 83.a and 83.b display the conditional HIV treatment cascades overall and by site, while Figures 84.a and 84.b display the unconditional cascades. Generally, in the conditional cascade, linkage to care (2nd 95) was higher than awareness of HIV (1st 95) and viral suppression (3rd 95). Overall, 64.8% of FSW who tested positive for HIV were aware of their status.

Awareness of HIV status among those who tested positive for HIV ranged from 35.5% in Pathein to 95.5% in Pyay. Care linkage among those who tested positive for HIV was high overall (91.2%) and ranged from 75.0% in Meiktila to 100.0% in Bago, Lashio, Mandalay, Pathein and Pyay. Finally, 58.8% of those linked to care were virally suppressed overall. The lowest proportion of FSW with viral suppression was in Taunggyi, while the highest proportion of FSW with viral suppression was in Yangon (80.0%).

Figure 83.a HIV treatment cascade (progress towards 95-95-95 targets, conditional)

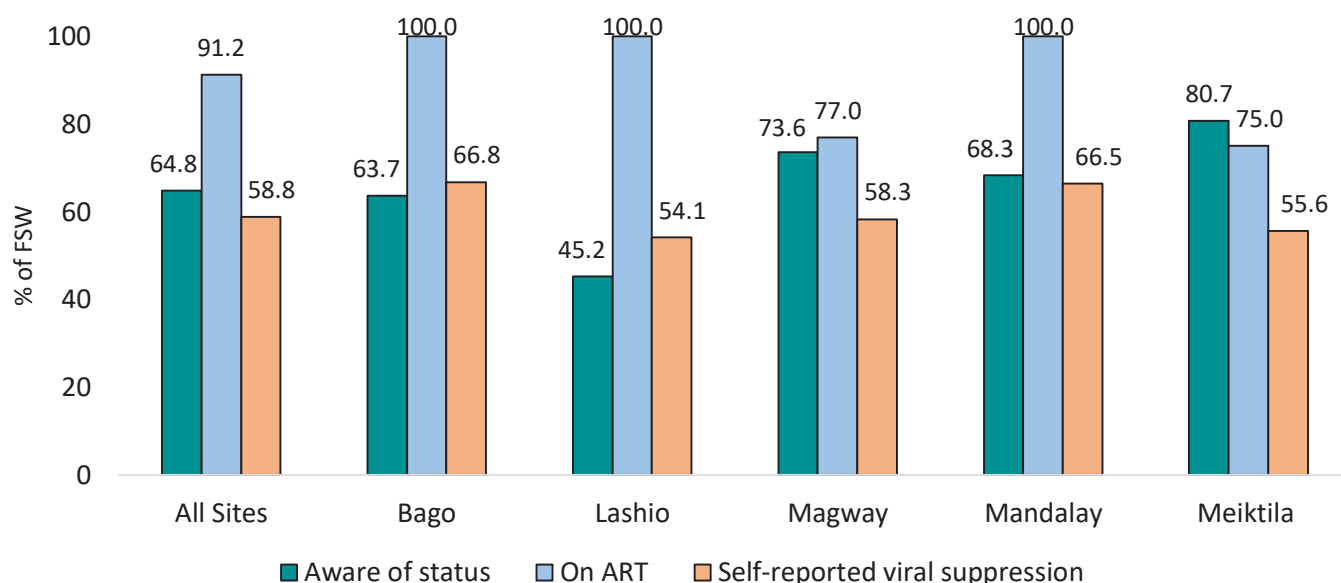


Figure 83.b HIV treatment cascade (progress towards 95-95-95 targets, conditional), continued

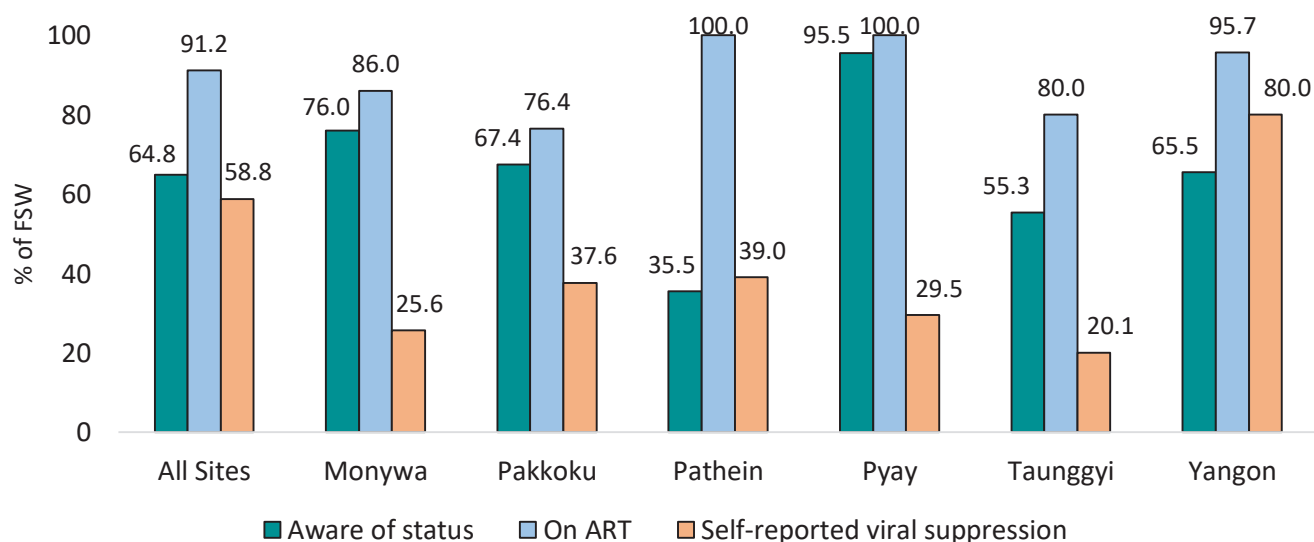
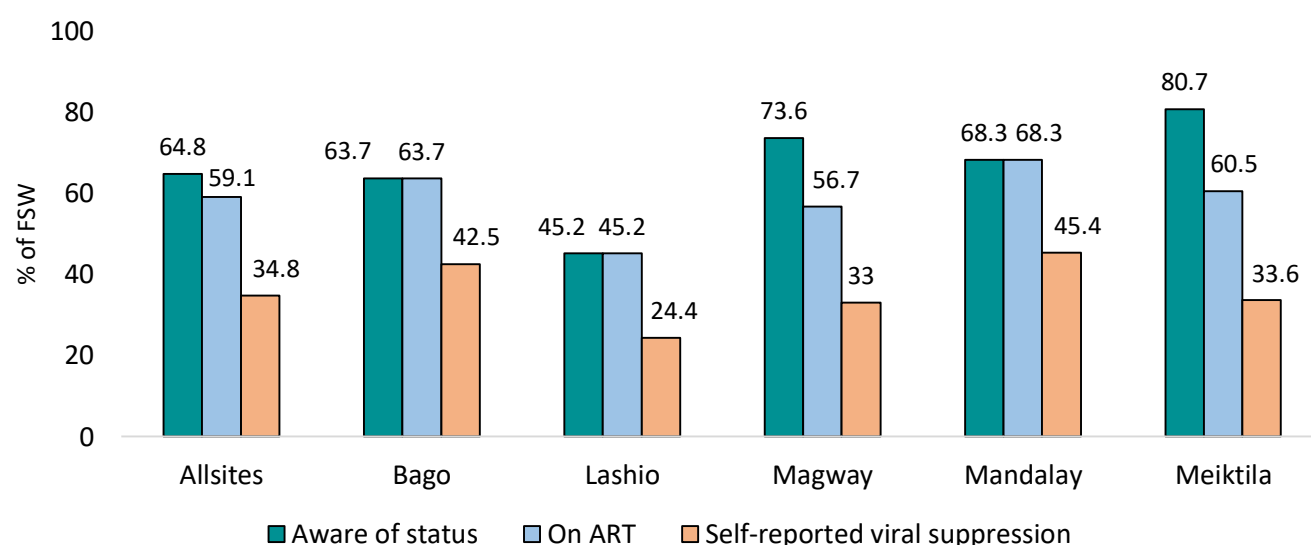
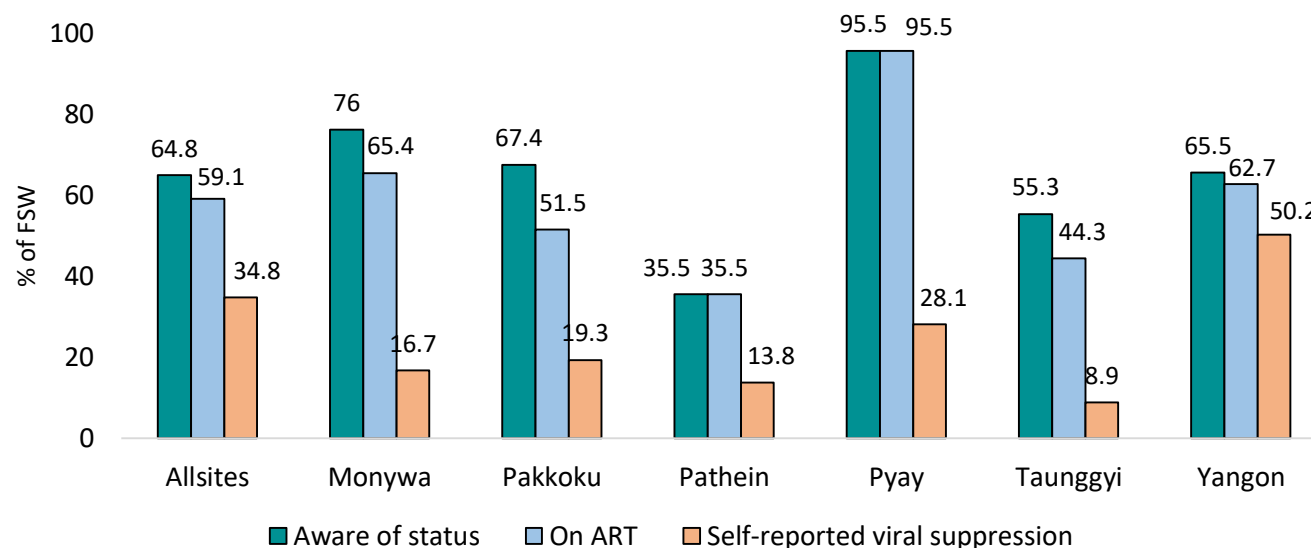
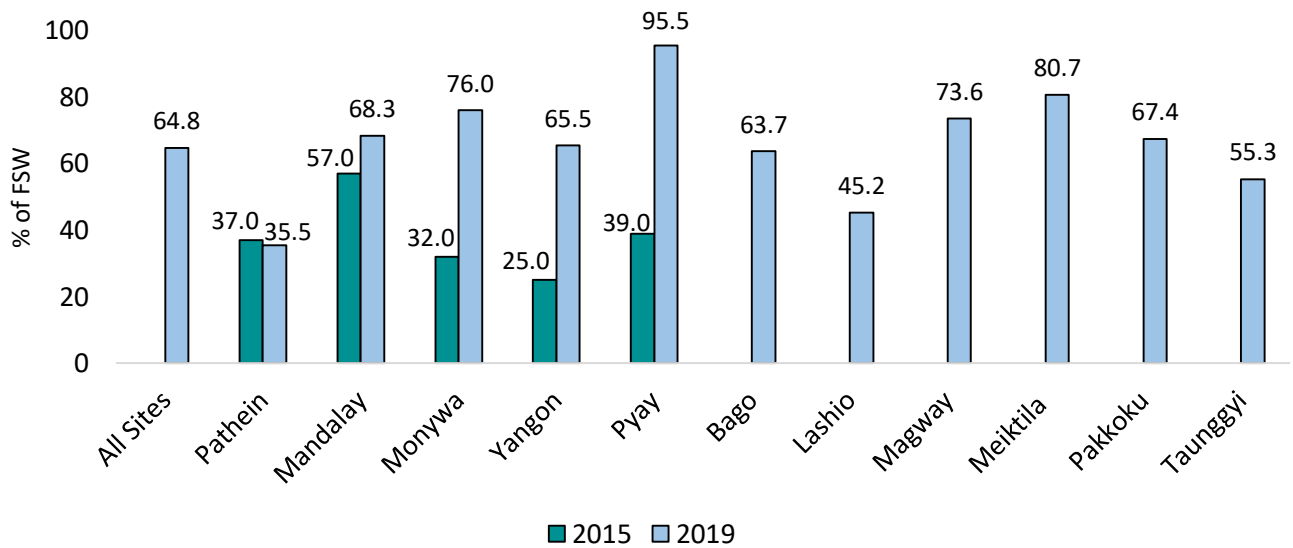
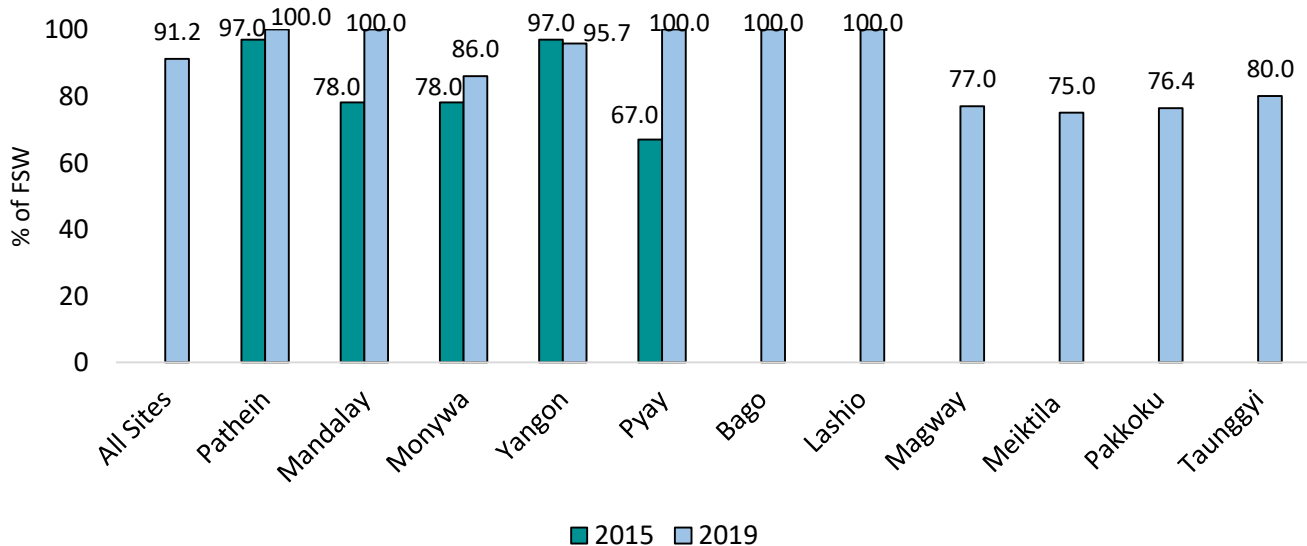


Figure 84.a HIV treatment cascade (progress towards 95-95-95 targets, unconditional)**Figure 84.b HIV treatment cascade (progress towards 95-95-95 targets, unconditional), continued****1st and 2nd 95: Comparison with 2015 IBBS**

When compared to the 2015 IBBS results, the 2019 results show noticeable improvements in the proportion of HIV-positive FSW who were aware of their status. The largest increases in progress towards the 1st 95 target of the HIV care cascade were observed in Monywa (32.0% in 2015 vs. 76.0% in 2019), Yangon (25.0% in 2015 vs. 65.5% in 2019) and Pyay (39.0% in 2015 vs. 95.5% in 2019). A smaller improvement was observed in Mandalay, while Pathein showed a very small decrease in progress towards the 1st 95 target.

Improvements in progress towards the 2nd 95 target of the HIV care cascade (the proportion of HIV-positive FSW who were aware of their status and linked to ART) were also observed in several survey sites when comparing the 2015 and 2019 IBBS. Appreciable increases in the proportion of HIV-positive FSW linked to ART were shown in Mandalay (78.0% in 2015 vs. 100.0% in 2019) and Pyay (67.0% in 2015 vs. 100.0% in 2019). More moderate improvements were seen in Pathein and Monywa, while Pyay showed a small decrease of 1.3% between survey years.

Figure 85. Proportion of HIV-positive FSW aware of their status**Figure 86. Proportion of HIV-positive FSW on ART, of those aware of their status**

Hepatitis C

The proportion of FSW who had ever tested for hepatitis was low overall (14.9%). The greatest proportions of FSW who had tested for hepatitis C were observed in Meiktila (31.4%) and Monywa (27.1%), while the lowest proportions of FSW who had tested for hepatitis C were observed in Pakkoku (2.0%) and Magway (3.7%). Among those who had tested for hepatitis C, 48.9% of FSW had tested within the last 12 months, 38.8% had tested over 12 months ago but within the past five years and 12.3% had tested over five years ago.

Overall, 2.3% of FSW self-reported a positive hepatitis C test. Self-reported hepatitis C prevalence was highest in Magway (7.9%). Among those who self-reported a positive hepatitis C test, 53.2% had sought treatment.

Hepatitis C prevalence was 1.4% overall and ranged from 0.2% in Magway to 2.5% in Pathein.

Figure 87. Ever tested for hepatitis C

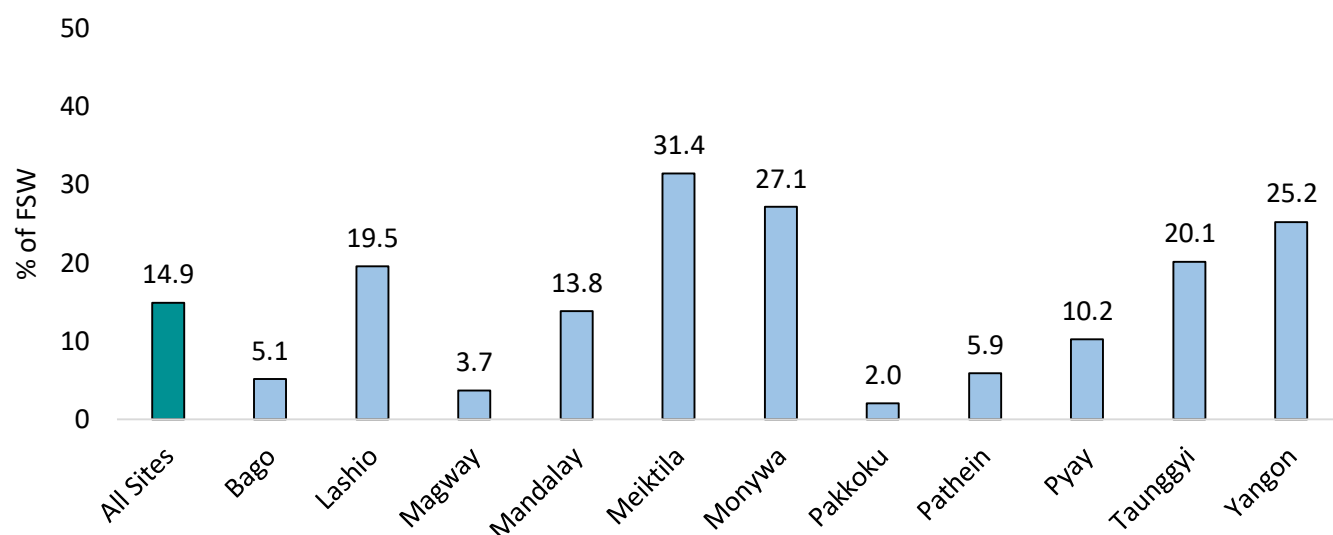
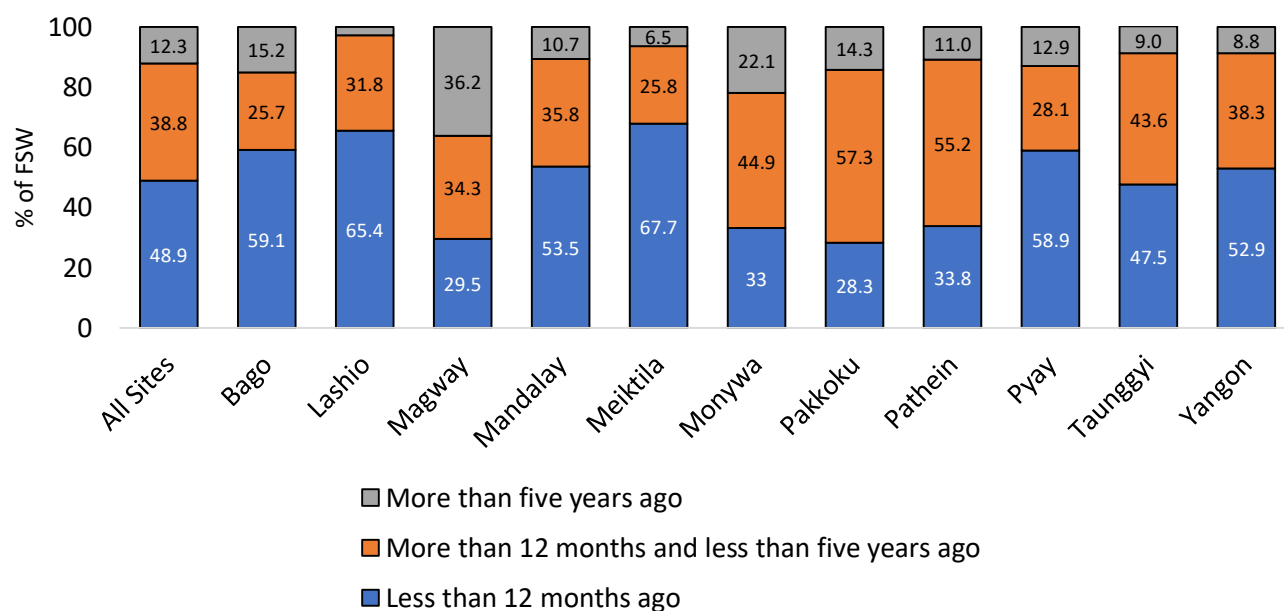
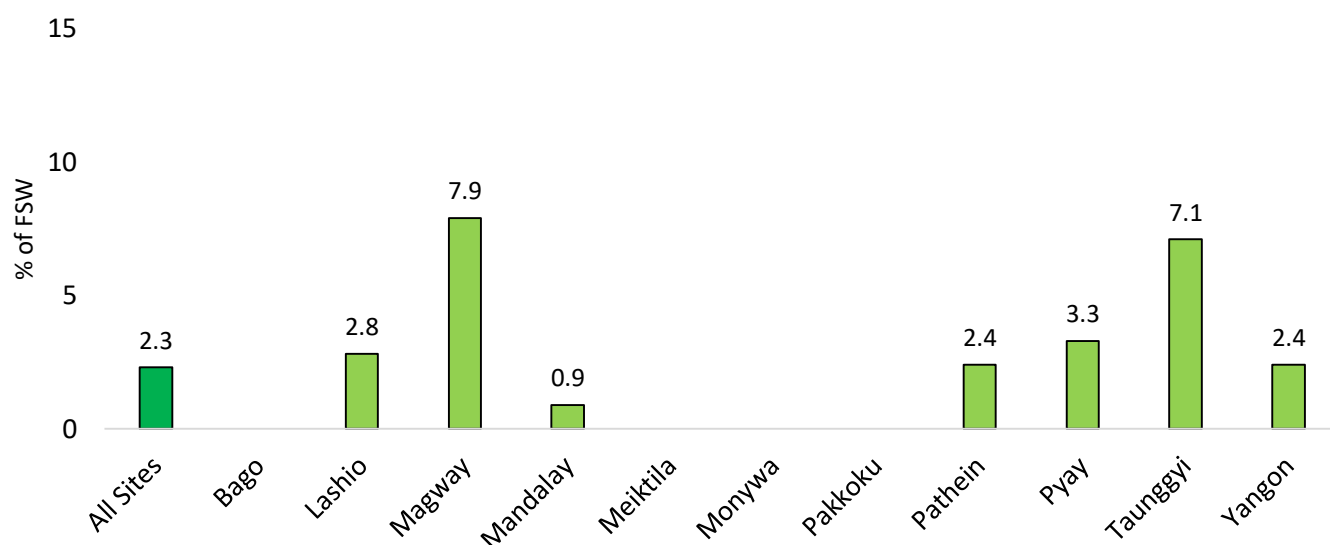


Figure 88. Last time tested for hepatitis C*

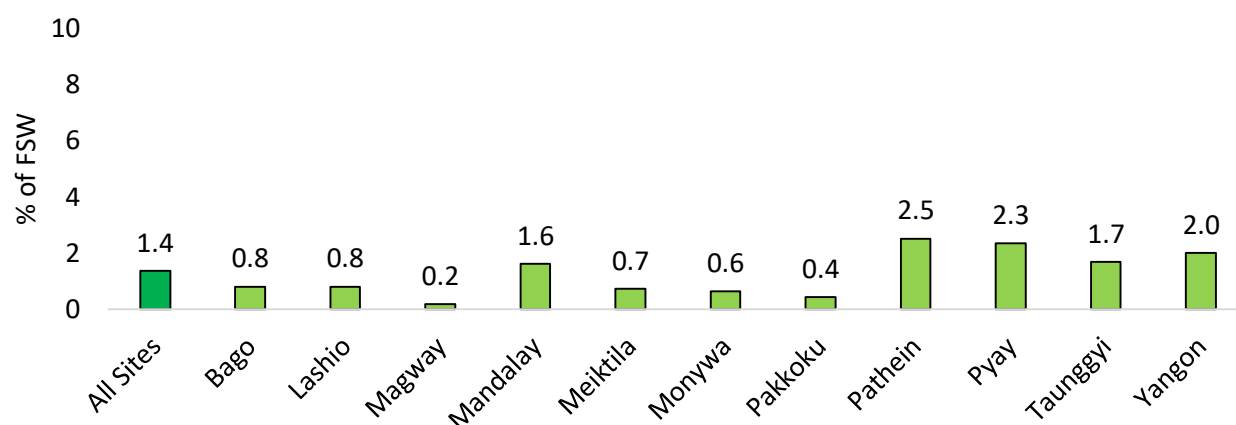


*Denominator is the number of participants who had ever tested for hepatitis C (n = 780)

Figure 89. Self-reported hepatitis C positive*^a

*Denominators are the number of participants who had tested for HCV ($n = 780$) and number of participants who self-reported HCV-positive ($n = 19$)

^aOverall, 0.1% of participants reported that they did not know the result of their last HCV test

Figure 90. Hepatitis C prevalence

Hepatitis B

The proportion FSW who had ever tested for hepatitis B was similarly low (15.5% overall). The lowest proportion of FSW who had tested for hepatitis B was observed in Pakkoku (2.7%), while the highest proportion of FSW who had tested for hepatitis B was in Meiktila (31.1%). The sites in which higher proportions of hepatitis B testing rates were observed (Meiktila, Monywa and Yangon) were the same sites with the higher proportions of hepatitis C testing rates.

Hepatitis B testing frequency was similar to hepatitis C testing frequency. Among those who had ever tested for hepatitis B, 47.7% had tested within the last 12 months, 40.3% had tested over 12 months ago but less than 5 years ago and 11.7% had tested over five years ago.

Nearly 4% of FSW overall reported a positive hepatitis B test. The highest proportion of FSW self-reporting hepatitis B-positive was observed in Yangon (7.2%). Of those who reported a positive hepatitis B test, 51.5% overall indicated that they had sought treatment.

Hepatitis B prevalence was 4.4% overall and ranged from 1.5% in Pakkoku to 7.6% in Lashio.

Figure 91. Ever tested for hepatitis B

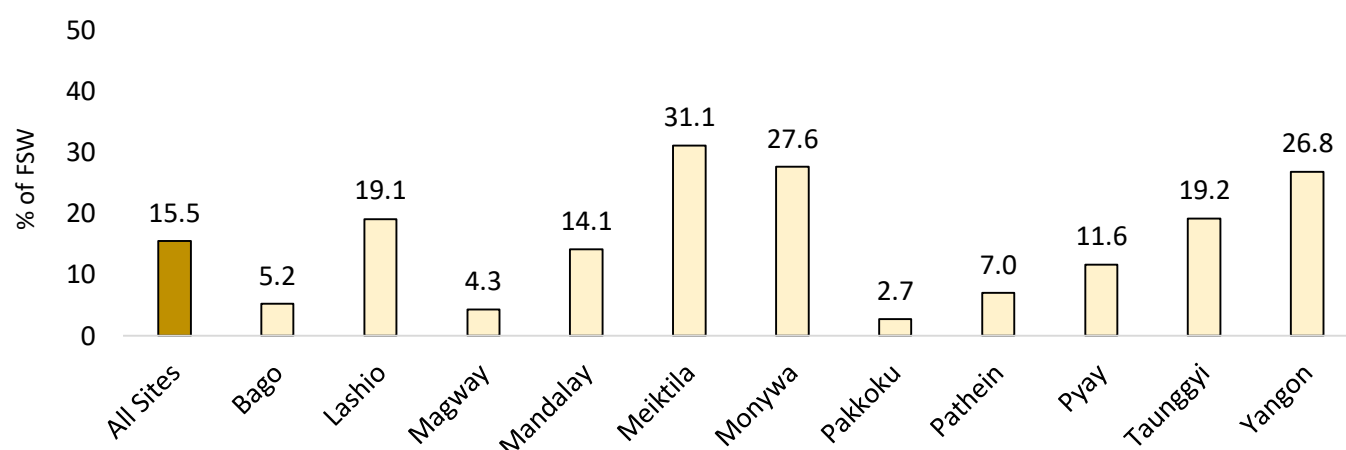
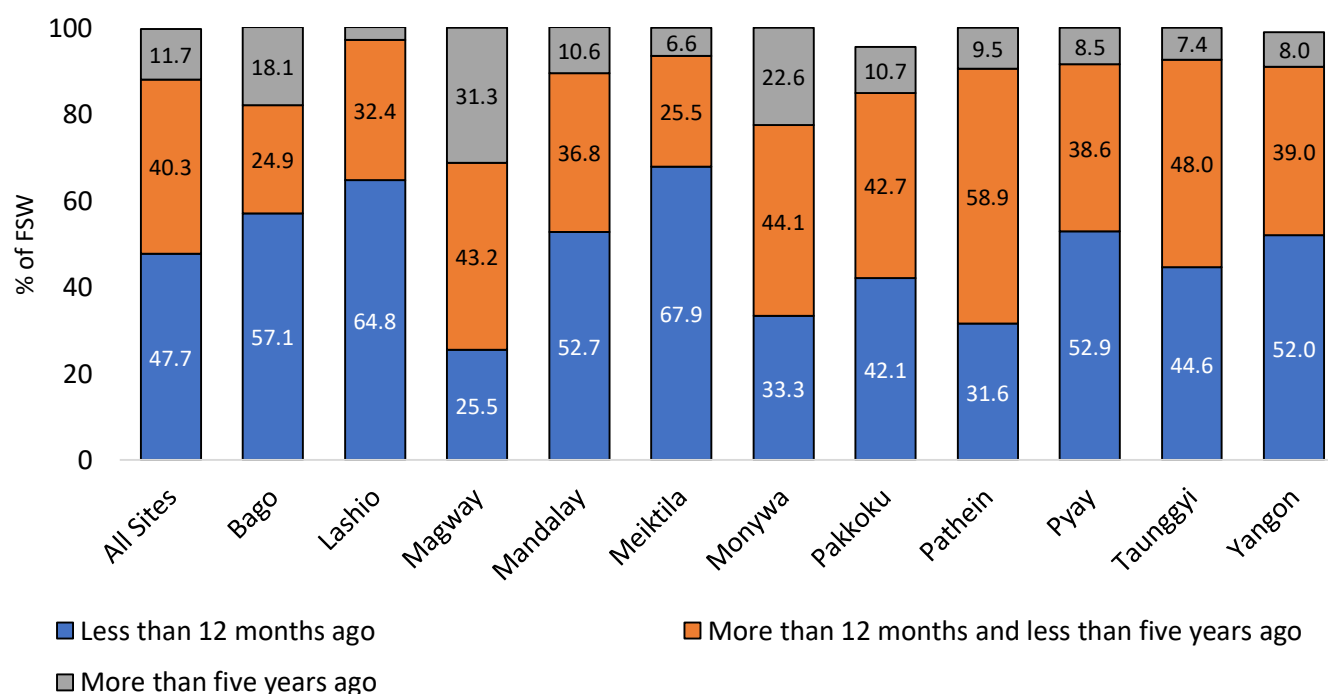
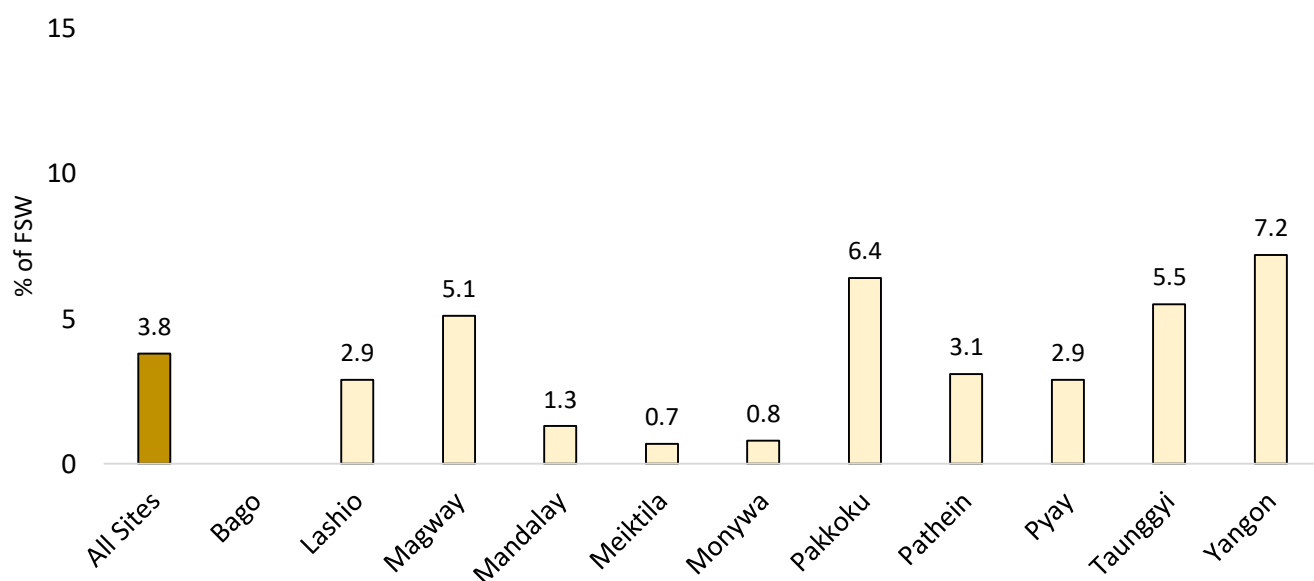


Figure 92. Last time tested for hepatitis B^a



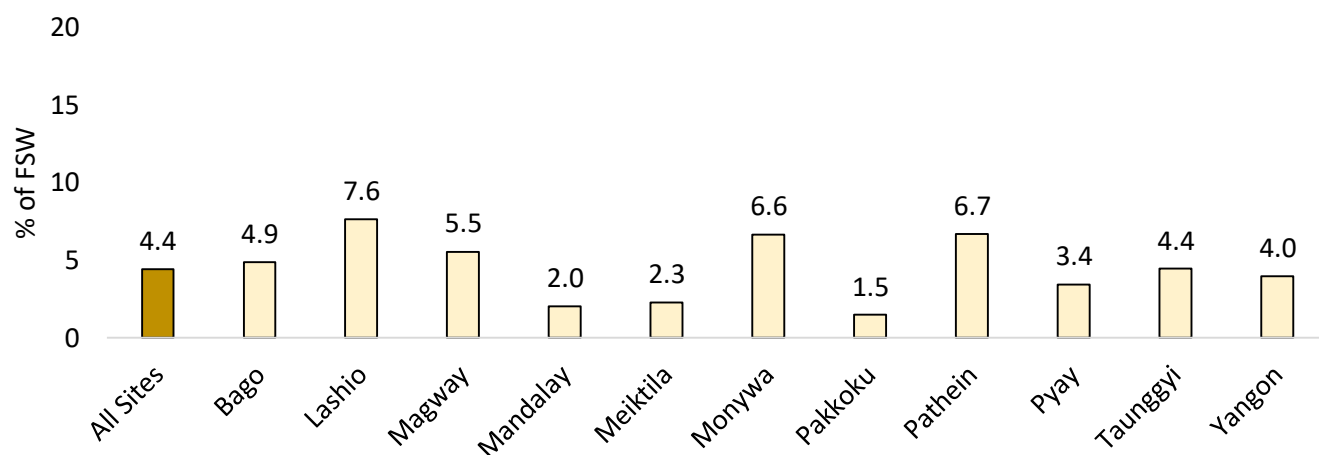
^aDenominator is the number of participants who had ever tested for hepatitis B (n = 812)

^aOverall, 0.4% answered "don't know"

Figure 93. Self-reported hepatitis B status and treatment*^a

*Denominators are the number of participants who had tested for HBV ($n = 812$) and number of participants who self-reported HBV-positive ($n = 35$)

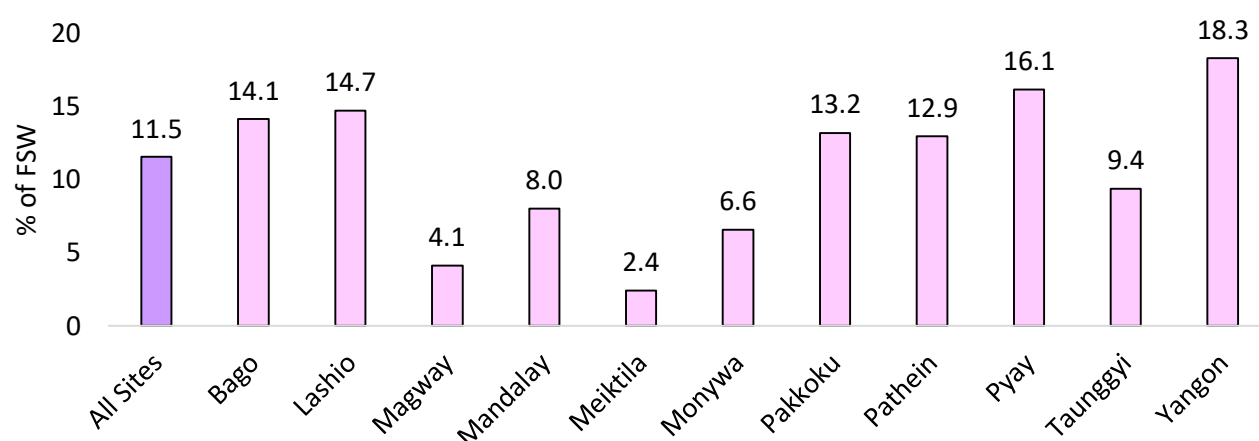
^aOverall, 0.5% of participants reported that they did not know the result of their last HCV test and 3.8% of participants did not know if they had sought treatment

Figure 94. Hepatitis B prevalence

Syphilis

Syphilis prevalence (11.5% overall) was generally higher than hepatitis C and hepatitis B prevalence and varied more widely across sites. The highest prevalence of syphilis was observed in Yangon (18.3%) and Pyaw (16.1%), while the lowest prevalence of syphilis was observed in Meiktila (2.4%) and Magway (4.1%).

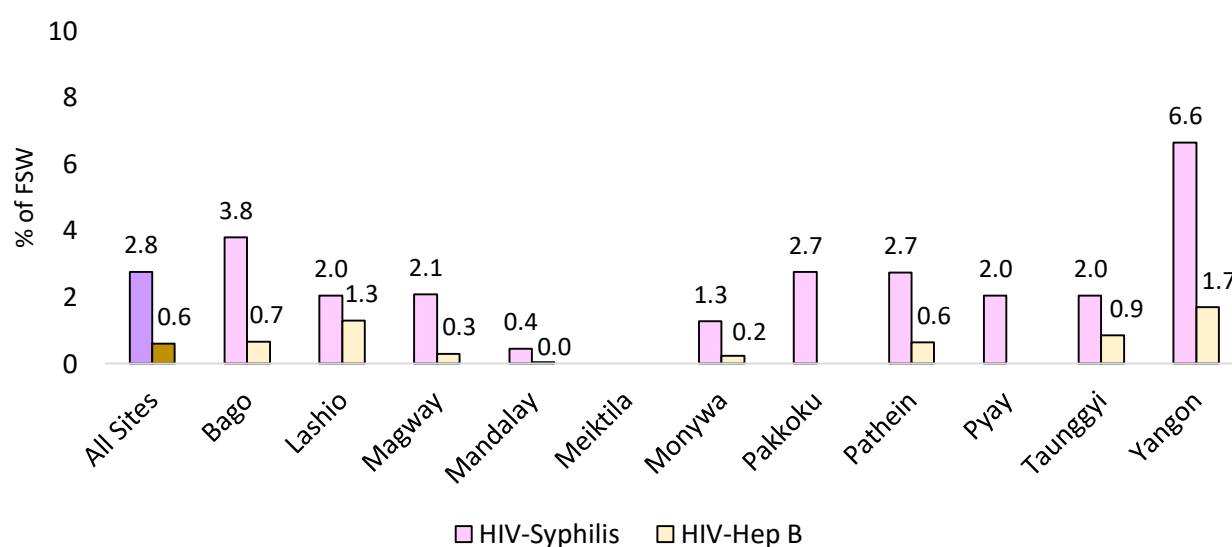
Figure 95. Syphilis prevalence



HIV co-infections

Overall, the prevalence of HIV-syphilis co-infection was 2.8%, with the lowest prevalence observed in Meiktila (0%) and the highest prevalence observed in Yangon (6.6%). Prevalence of HIV-hepatitis B co-infection was low overall (0.6%) and ranged from 0.0% in Mandalay, Meiktila, Pakkoku and Pyaw to 1.7% in Yangon.

Figure 96. Prevalence of HIV co-infections



4. POPULATION SIZE ESTIMATES (PSE)

Overall, the FSW PSE for Myanmar was 75,000 (range: 54,000 - 99,500), which corresponds to 0.5% of the adult female population. The full PSE report comprised of state and regional estimated is mentioned in Annexes 7.2.

5. CONCLUSIONS

5.1 Key findings and implications

This represents the second time that an IBBS has been implemented in Myanmar to estimate HIV prevalence, associated risk behaviours and population size estimates among FSW. The current IBBS includes six additional survey sites that were added based on their high volume of KPs. A total of 4890 FSW were recruited across 11 survey sites. Overall, the majority of the sample was under the age of 30, and there were no appreciable differences in age distribution when comparing results of the 2015 and 2019 IBBS. Most FSW were currently married or had been previously married, had one or more children, had some formal education and earned over 100,000 MMK monthly.

The current IBBS highlights improvements in HIV prevalence and the HIV care cascade, while also giving emphasis to the need for continued targeted HIV prevention and care programs for FSW. Overall, HIV prevalence was 8.2% among FSW and was lower than the HIV prevalence rates observed in the 2015 IBBS in all sites included in both surveys. The HIV care cascade suggests gaps in the 1st and 3rd 95 target. Overall, only 65% of HIV-positive FSW were aware of their status. Although 91% of those who were aware of their status were linked to ART treatment, only 59% were virally suppressed. Although substantial increases in progress towards the 1st and 2nd 95 target were observed between 2015 and 2019 in several sites, the current HIV care cascade demonstrates an ongoing need for expanded HIV messaging for FSW to increase awareness and adherence counselling to improve treatment outcomes.

Targeted HIV outreach and messaging for FSW may help raise awareness of HIV transmission risks. Although a high proportion of participants had ever received information on HIV/AIDS, less than half of FSW demonstrated comprehensive HIV knowledge in line with the UNAIDS definition. Additionally, comprehensive HIV knowledge was lower in 2019 compared to 2015 in several survey sites, with appreciable decreases observed in Monywa (61.7% in 2015 vs. 25.0% in 2019) and Patheingyi (72.9% in 2015 vs. 53.0% in 2019). However, it should be noted that the definition of comprehensive HIV knowledge in the current survey included one additional question regarding needle sharing and HIV risk. It is possible that the decrease in comprehensive HIV knowledge between survey rounds reflects, in part, a low awareness of HIV transmission risks associated with injection drug use and sharing of needles.

These data underscore several transmission risks specific to FSW and highlight areas in need of targeted interventions. Consistent with the 2015 survey, the median age of first sexual intercourse in exchange for money or gifts was below 25 years in all sites, highlighting the need for HIV prevention programs targeting young FSW. While nearly 90% of FSW reported using a condom at last sex with a client, 30% of participants reported that they did not always use a condom with clients in the past month. Furthermore, over 60% of FSW were unable to negotiate condom use when a client did not want to use a condom in the past 6 months. Expanded education on condom use and counselling on condom use negotiation for FSW may help reduce HIV transmission risk in this population. Increases in rates of condom use at last sex with a

client between the previous and current survey indicate that current condom outreach practices may be effective. A close examination of condom outreach programs in sites such as Monywa, which showed a nearly 40% increase between survey years in the proportion of FSW who reported condom use at last sex with a client, may help elucidate best practices.

In addition to partners with whom FSW exchanged sex for money or gifts, over half of participants reported having non-client partners. The proportion of FSW who reported having regular male partners was 44% overall and was as high as 77% in Pakkoku, and only 25% of FSW overall used a condom at last sex with a regular male partner. This demonstrates that condom use with regular partners plays an important role in HIV risk among FSW. Condom outreach and education for FSW should emphasize safe sex practices with spouses and other regular partners in addition to clients.

Only 65% of FSW had ever tested for HIV overall, suggesting a need for improved HIV testing outreach for FSW. This is especially apparent in sites including Pakkoku and Monywa, in which the proportion of participants who had ever tested for HIV was particularly low. Among those who had ever tested for HIV, nearly 60% had tested more than 6 months ago, demonstrating that many FSW may not be routinely engaged in testing services. HIV testing outreach for FSW should encourage routine testing in order to ensure timely linkage to care among HIV-positive FSW.

Although the IBBS results indicate that condoms are generally accessible to FSW, there remain gaps in condom use and outreach. Over 35% of FSW overall reported that they do not usually carry condoms. Additionally, only 36% had received condoms for free and only 52% received condom use counselling in the last three months. Interventions including behaviour change programs may be helpful for promoting consistent condom use, which plays a critical role in HIV prevention among FSW.

Overall, 32% of FSW reported having experienced STI symptoms in the last 12 months. However, less than 50% of those who reported symptoms had sought care. Most FSW who sought care had received treatment at private hospitals, clinics or GPs as well as NGO clinics. Expanding STI testing at other points of service including AIDS/STD teams or mobile testing sites may help improve STI treatment access and uptake among FSW.

Stigma and violence may create barriers to HIV prevention and care for FSW. Approximately 25% of FSW reported having ever experienced physical violence or having been forced to have sex due to their KP status in the past 12 months. Additionally, over 30% had been harassed by police and over 50% had been afraid to seek healthcare services. Stigma and violence mitigation programs as well as FSW-sensitization for healthcare workers can be implemented to improve HIV prevention and treatment access for this population.

5.2 Recommendations

Based on the results of the 2019 IBBS, the following recommendations are made to strengthen HIV programming for FSW in Myanmar:

FSW-specific recommendations

- Identify more effective methods of advocacy targeting entertainment establishments for easy access to condoms for end-users and **ensure free access to condom in most settings.**
- **Enlist support of influential community members who can overcome brothel owners or pimps** to advocate for and counsel FSWs to increase coverage of free condoms.
- **Estimate actual prevention coverage** by triangulating program and IBBS data.
- **Develop innovative and effective strategies for reaching new FSW** with less than one year of experience in sex work.
- **Provide drug use interventions to FSW** with the emphasis on consistent condom use.
- **Strengthen school youth HE** to increase HIV knowledge among young FSW and those who may not attend higher levels of education.
- **Advocate against harassment and violence** among FSW.

Recommendations for broader KP programming

- Accelerate effective health education activities to **increase comprehensive HIV knowledge** focusing on HIV-associated risks, consistent condom use and access to services.
- Consider new **innovative testing strategies to improve testing coverage** (e.g. Index testing, Recency testing integrated with case-based surveillance and self-testing)
- **Promote combination prevention approaches** including Comprehensive Condom Programs (CCP) with inclusion of PrEP to accelerate prevention activities targeting KP.
- Develop and implement new testing strategies and more effective case detection strategies to **increase HIV testing coverage for hidden population and young KP.**
- Ensure provision of ART information to KP to **improve awareness of viral load status and improve viral load literacy.**
- **Strengthen linkage to care** and rapid ART initiation among HIV-positive KP.
- Review current prevention strategies and revise to **reflect local context and KP needs.**

6. REFERENCES

1. Department of Population, Ministry of Labour, Immigration and Population, The Republic of the Union of Myanmar. Thematic report on population projections for the union of Myanmar, states/regions, rural and urban areas, 2014 - 2050. 2017
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4. National AIDS Programme. Myanmar Integrated Biological and Behavioural Surveillance Survey and Population Size Estimates among Female Sex Workers. 2015.
5. National AIDS Programme. Myanmar Integrated Biological and Behavioural Surveillance Survey and Population Size Estimates among Men Who Have Sex with Men. 2015.
6. National AIDS Programme. Global AIDS Response Progress Report Myanmar. 2015.
7. 2016 HIV Estimates & Projections, National AIDS Program, Ministry of Health Myanmar, March 2018.
8. Heckathorn DD. Respondent-Driven Sampling: A New Approach to the Study of Hidden Populations. *Soc Probl.* 1997;44(2):174-199. doi:10.2307/3096941

7. ANNEXES

7.1. Township profiles

MYANMAR FSW IBBS 2019: BAGO SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Bago	466	6	0	466

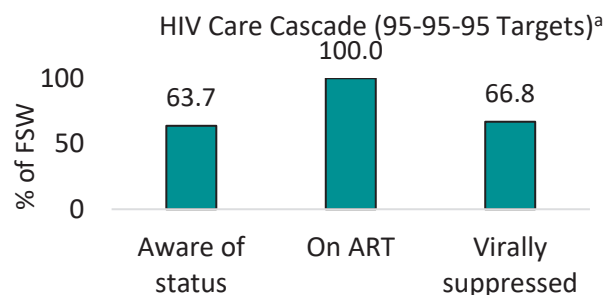
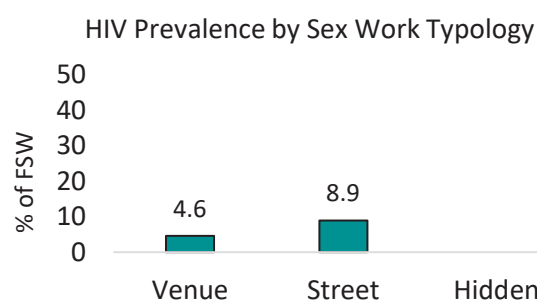
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	31	(15-49)
Monthly income (kyats)	370833	(100,000- 1,000,000)
Monthly income from sex work	368994	(100,000- 1,000,000)
	%	95% CI
<25 years of age	22.8	(18.7-26.9)
Currently married	58.8	(53.9-63.7)
Can't read or write in Myanmar	18.0	(14.1-22.0)
Highest education attained ^a		
No formal education	16.2	(12.4-20.0)
1 st – 4 th standard	35.8	(31.1-40.5)
5 th – 8 th standard	29.9	(25.4-34.3)
9 th – 10 th standard	14.7	(11.2-18.2)
University/college	1.7	(0.7-2.7)
Sex work typology		
Venue	60.6	(55.7-65.5)
Street	31.4	(26.8-36.1)
Hidden	8	(5.2-10.7)
Have sold sex for ≤ 1 year	14.2	(10.8-17.7)
Sex work is main source of income	71.4	(66.9-75.9)

^aRemaining 1.8% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

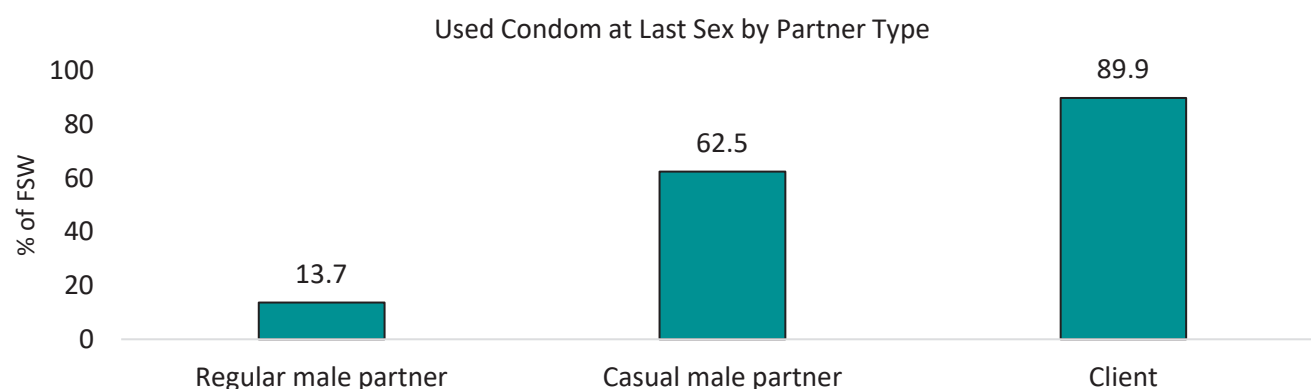
	%	95% CI		%	95% CI
Overall HIV prevalence	5.6	(3.3-7.8)	Hepatitis B prevalence	4.9	(2.9-6.9)
HIV prevalence among those <25 years	3.9	(0.0-8.3)	Hepatitis C prevalence	0.8	(0.0-1.6)
HIV prevalence among FSW selling sex ≤1 year	7.4	(0.0-14.7)	Syphilis prevalence	14.1	(10.6-17.6)
			Reported any STI symptom	25.8	(21.2-30.3)



^a33.2% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

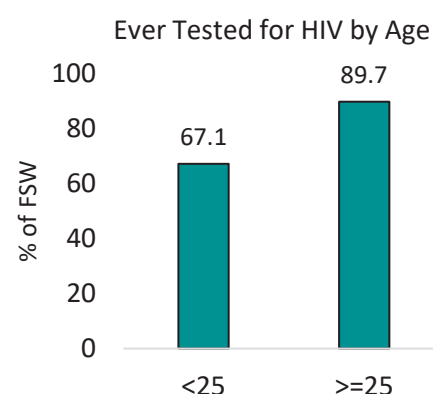
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	0.8	(0.0-1.7)
Days in week doing sex work	2	(0-25)	Always use condoms (clients) ^a	69.3	(64.6-74.0)
Clients in past month	50	(2-450)	Always use condoms (regular partner) ^a	9.4	(5.2-13.6)
Regular male partners, past 12 mo.	1	(1-7)	Always use condoms (casual partner) ^a	34.8	(0.0-78.3)
Casual partners, past 12 mo.	1	(1-15)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	49.8	(44.8-54.7)
Forced to have sex	50.8	(45.9-55.8)
Harassed by authorities	49.1	(44.1-54.0)
Afraid of seeking healthcare	59.6	(54.8-64.4)
Rejected by family	79.5	(75.5-83.5)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	97.2	(95.3-99.1)
Aware of HIV/AIDS treatment	90.7	(87.6-93.8)
Comprehensive HIV knowledge	31.6	(27.0-36.2)
Ever tested for HIV	84.6	(81.1-88.1)
Received result of last HIV test	100	(100.0-100.0)
Received free condoms in past 3 months	92.6	(90.0-95.2)
Received condom use/safe sex counseling in past 3 months	65.2	(60.6-69.8)

**Population Size Estimation**

Bago Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
2,418		

MYANMAR FSW IBBS 2019: LASHIO SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Shan (N)	196	6	3	193

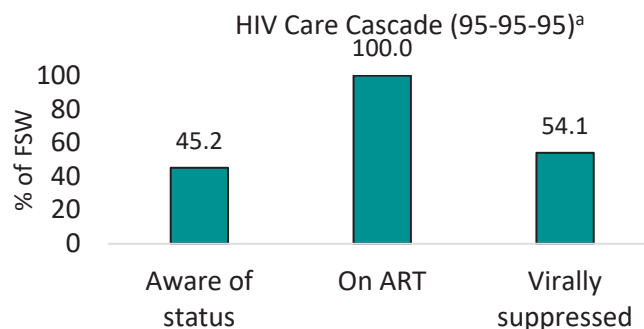
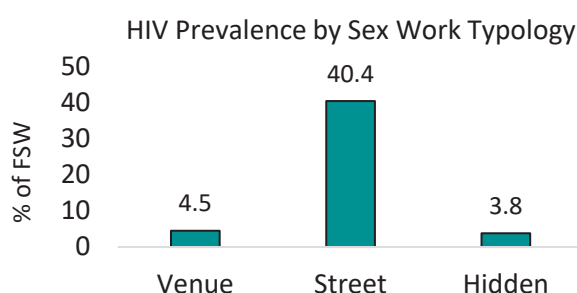
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	28	(17-45)
Monthly income (kyats)	292131	(50,000- 1,000,000)
Monthly income from sex work	290754	(50,000- 1,000,000)
	%	95% CI
<25 years of age	31.7	(23.5-40.0)
Currently married	23.1	(16.2-30.1)
Can't read or write in Myanmar	7.0	(3.0-11.1)
Highest education attained ^a		
No formal education	15.0	(8.8-21.1)
1 st – 4 th standard	31.0	(23.3-38.7)
5 th – 8 th standard	30.1	(21.9-38.3)
9 th – 10 th standard	21.1	(14.0-28.1)
University/college	1.7	(0.3-3.2)
Sex work typology		
Venue	71.7	(64.0-79.5)
Street	4.8	(1.9-7.7)
Hidden	23.5	(16.0-31.0)
Have sold sex for ≤ 1 year	35.3	(26.8-43.7)
Sex work is main source of income	63.5	(55.4-71.5)

^aRemaining 1.2% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

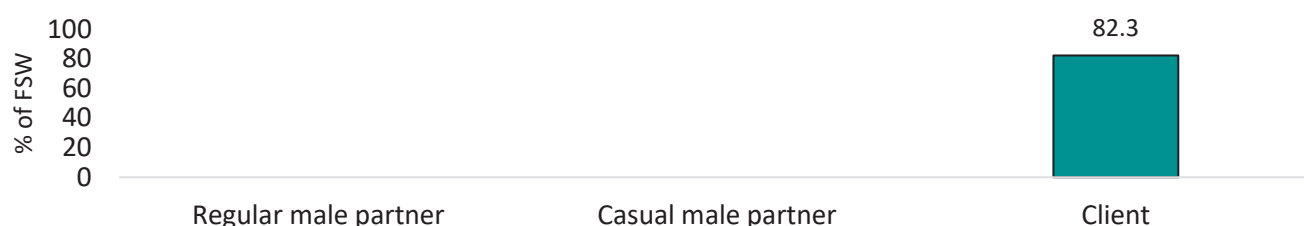
	%	95% CI		%	95% CI
Overall HIV prevalence	6.0	(2.5-9.5)	Hepatitis B prevalence	7.6	(2.9-12.4)
HIV prevalence among those <25 years	1.5	(0.0-3.7)	Hepatitis C prevalence	0.8	(0.0-2.0)
HIV prevalence among FSW selling sex ≤1 year	0.0		Syphilis prevalence	14.7	(8.6-20.8)
			Reported any STI symptom	25.4	(18.0-32.8)



^a45.9% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

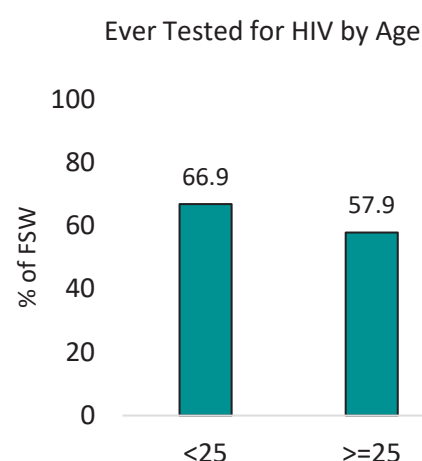
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	0.0	(0.0-0.0)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	69.8	(61.9-77.7)
Clients in past month	7	(1-160)	Always use condoms (regular partner) ^a	0.0	(0.0-0.0)
Regular male partners, past 12 mo.	1	(1-2)	Always use condoms (casual partner) ^a	0.0	(0.0-0.0)
Casual partners, past 12 mo.	1	(1-10)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Used Condom at Last Sex by Partner Type****Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	6.3	(2.7-10.0)
Forced to have sex	8.5	(3.7-13.4)
Harassed by authorities	16.6	(10.9-22.3)
Afraid of seeking healthcare	24.4	(16.8-32.0)
Rejected by family	17.5	(11.9-23.2)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	97.3	(94.9-99.7)
Aware of HIV/AIDS treatment	69.6	(61.0-78.2)
Comprehensive HIV knowledge	67.4	(59.2-75.6)
Ever tested for HIV	60.8	(52.3-69.3)
Received result of last HIV test	98.5	(95.7-100.0)
Received free condoms in past 3 months	56.8	(48.2-65.4)
Received condom use/safe sex counseling in past 3 months	43.3	(35.1-51.6)

**Population Size Estimation**

Lashio Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
889		

MYANMAR FSW IBBS 2019: MAGWAY SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Magway	356	3	1	355

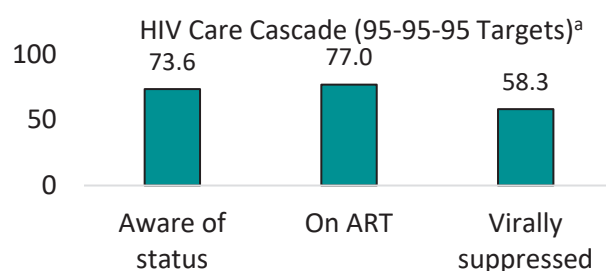
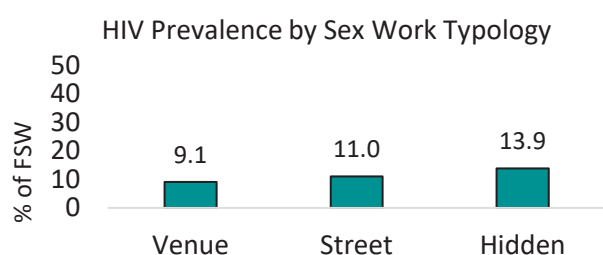
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	31	(16-47)
Monthly income (kyats)	379733	(25,000- 3,000,000)
Monthly income from sex work	333461	(16,000- 3,000,000)
	%	95% CI
<25 years of age	27.5	(22.5-32.5)
Currently married	27.4	(22.4-32.3)
Can't read or write in Myanmar	21.7	(17.0-26.3)
Highest education attained ^a		
No formal education	20.4	(15.8-25.0)
1 st – 4 th standard	35.9	(30.6-41.2)
5 th – 8 th standard	29.6	(24.5-34.7)
9 th – 10 th standard	11.4	(8.1-14.8)
University/college	0.9	(0.0-1.9)
Sex work typology		
Venue	35.9	(30.5-41.3)
Street	35.9	(30.6-41.3)
Hidden	28.2	(23.3-33.1)
Have sold sex for ≤ 1 year	5.4	(2.9-7.9)
Sex work is main source of income	99.7	(99.1-100.0)

^aRemaining 1.9% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

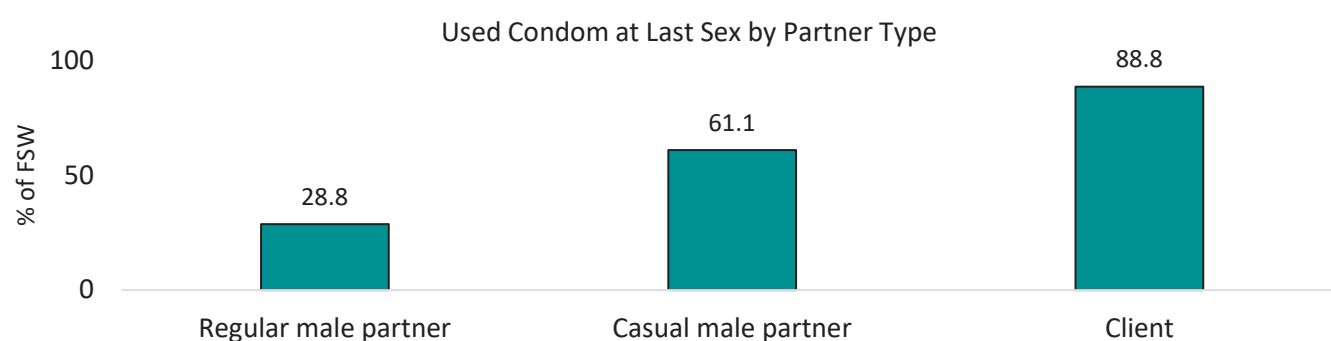
	%	95% CI		%	95% CI
Overall HIV prevalence	11.1	(7.8-14.5)	Hepatitis B prevalence	5.5	(3.1-8.0)
HIV prevalence among those <25 years	4.3	(0.0-8.7)	Hepatitis C prevalence	0.2	(0.0-0.5)
HIV prevalence among FSW selling sex ≤1 year	0.0		Syphilis prevalence	4.1	(2.0-6.2)
			Reported any STI symptom	45.2	(39.6-50.7)



^a37.1% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

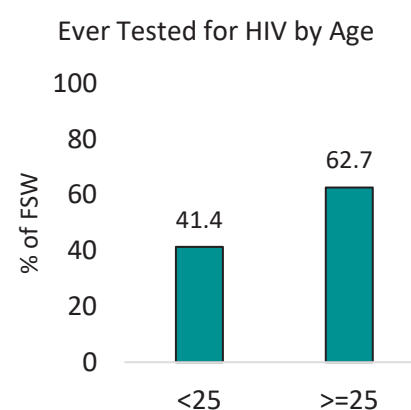
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	2.0	(0.5-3.5)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	64.9	(59.5-70.2)
Clients in past month	18	(1-300)	Always use condoms (regular partner) ^a	16.2	(7.7-24.6)
Regular male partners, past 12 mo.	1	(1-15)	Always use condoms (casual partner) ^a	43.4	(32.2-54.7)
Casual partners, past 12 mo.	2	(1-20)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	9.8	(6.7-12.9)
Forced to have sex	7.5	(4.7-10.3)
Harassed by authorities	33.7	(28.4-39.0)
Afraid of seeking healthcare	39.6	(34.0-45.1)
Rejected by family	20.2	(15.6-24.9)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	98.0	(96.5-99.5)
Aware of HIV/AIDS treatment	81.6	(77.2-86.1)
Comprehensive HIV knowledge	63.9	(58.4-69.3)
Ever tested for HIV	56.8	(51.3-62.4)
Received result of last HIV test	97.4	(95.2-99.7)
Received free condoms in past 3 months	68.0	(62.8-73.2)
Received condom use/safe sex counseling in past 3 months	42.2	(36.8-47.6)

**Population Size Estimation**

Magway Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
833		

MYANMAR FSW IBBS 2019: MANDALAY SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Mandalay	682	5	26	656

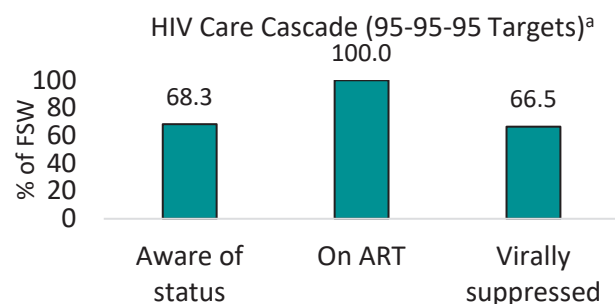
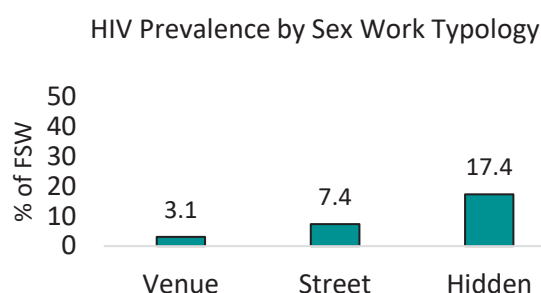
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	28	(16-48)
Monthly income (kyat)	298,840	(60,000-1,500,000)
Monthly income from sex work	298,482	(60,000- 1,500,000)
	%	95% CI
<25 years of age	31.7	(27.7-35.7)
Currently married	27.4	(23.3-31.4)
Can't read or write in Myanmar	14.1	(11.0-17.2)
Highest education attained ^a		
No formal education	13.9	(10.8-16.9)
1 st – 4 th standard	33.9	(29.7-38.1)
5 th – 8 th standard	26.6	(22.8-30.3)
9 th – 10 th standard	18.6	(15.2-21.9)
University/college	4.2	(2.3-6.1)
Sex work typology		
Venue	50.5	(46.1-54.9)
Street	41.4	(37.1-45.6)
Hidden	8.1	(5.6-10.7)
Have sold sex for ≤ 1 year	13.5	(10.6-16.4)
Sex work is main source of income	60.1	(55.9-64.4)

^aRemaining 2.9% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

	%	95% CI		%	95% CI
Overall HIV prevalence	6.1	(3.7-8.4)	Hepatitis B prevalence	2.0	(0.8-3.2)
2015 IBBS HIV prevalence	14.0	(8.0-20.0)	Hepatitis C prevalence	1.6	(0.5-2.7)
HIV prevalence among those <25 years	0.9	(0.0-2.3)	Syphilis prevalence	8.0	(5.6-10.4)
HIV prevalence among FSW selling sex ≤1 year	3.7	(0.0-7.7)	Reported any STI symptom	36.6	(32.4-40.7)



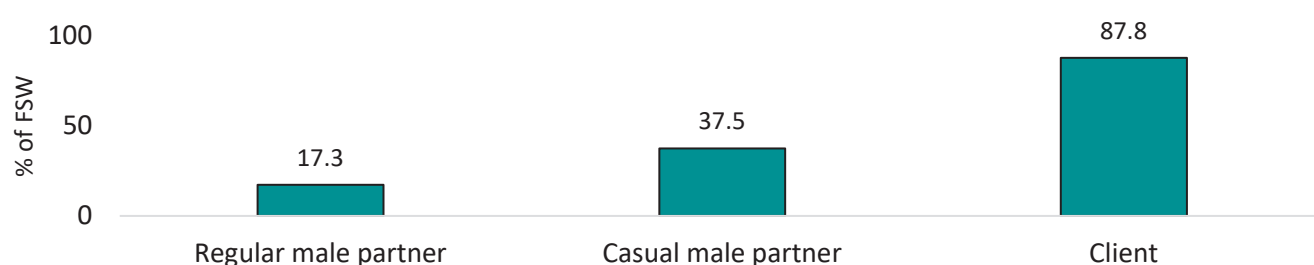
^a10.6% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	12.4	(9.5-15.2)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	70.5	(66.6-74.4)
Clients in past month	10	(0-280)	Always use condoms (regular partner) ^a	14.7	(10.0-19.3)
Regular male partners, past 12 mo.	1	(0-15)	Always use condoms (casual partner) ^a	11.9	(0.0-27.8)
Casual partners, past 12 mo.	1	(1-25)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"

Used Condom at Last Sex by Partner Type

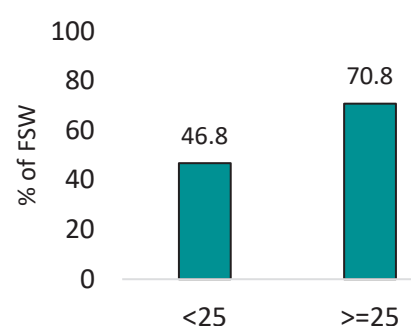
**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	8.6	(6.2-11.1)
Forced to have sex	13.4	(10.2-16.6)
Harassed by authorities	20.2	(16.7-23.7)
Afraid of seeking healthcare	41.0	(36.7-45.2)
Rejected by family	21.5	(17.9-25.1)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	98.8	(97.8-99.7)
Aware of HIV/AIDS treatment	57.6	(53.2-62.0)
Comprehensive HIV knowledge	69.4	(65.5-73.3)
Ever tested for HIV	63.2	(59.1-67.3)
Received result of last HIV test	96.8	(93.8-99.9)
Received free condoms in past 3 months	55.9	(51.6-60.2)
Received condom use/safe sex counseling in past 3 months	55.8	(51.5-60.1)

Ever Tested for HIV by Age

**Population Size Estimation**

Mandalay Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
5,619		

MYANMAR FSW IBBS 2019: MEIKTILA SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Mandalay	360	4	10	350

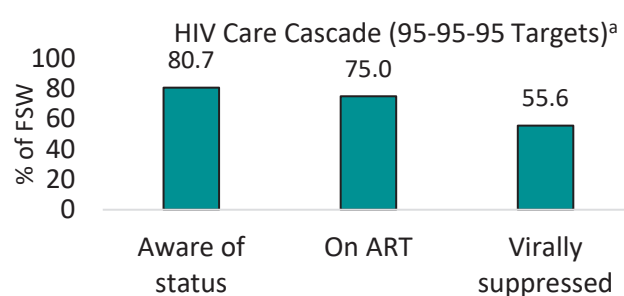
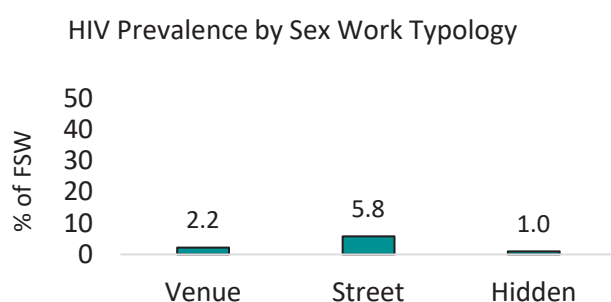
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	25	(16-47)
Monthly income (kyats)	487,379	(100,000- 1,500,000)
Monthly income from sex work	459,563	(50,000- 1,300,000)
	%	95% CI
<25 years of age	46.4	(40.7-52.2)
Currently married	8.9	(5.3-12.5)
Can't read or write in Myanmar	1.2	(0-2.5)
Highest education attained ^a		
No formal education	2.3	(0.7-3.9)
1 st – 4 th standard	33.6	(28-39.1)
5 th – 8 th standard	53.3	(47.6-59.1)
9 th – 10 th standard	9.2	(6.2-12.2)
University/college	0.4	(0-1.0)
Sex work typology		
Venue	70.9	(65.7-76.1)
Street	7.7	(4.3-11.0)
Hidden	21.4	(16.8-26.0)
Have sold sex for ≤ 1 year	3.6	(1.5-5.6)
Sex work is main source of income	85.6	(81.8-89.5)

^a Remaining 1.2% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

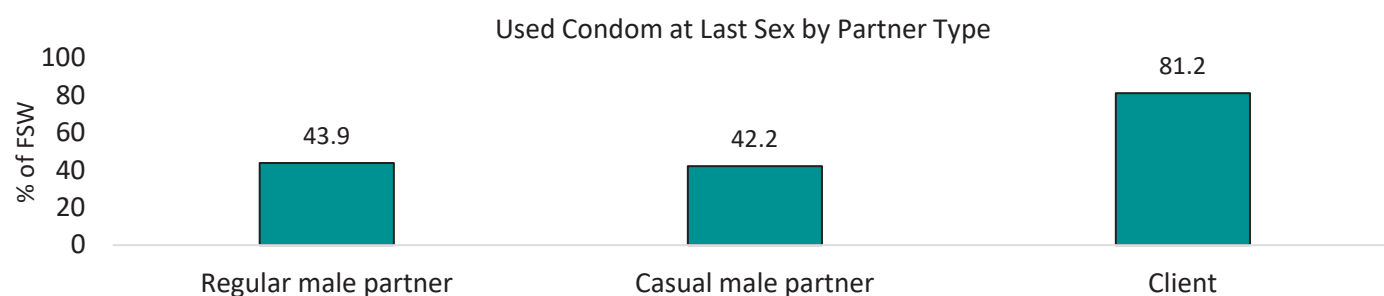
	%	95% CI		%	95% CI
Overall HIV prevalence	2.2	(0.7-3.7)	Hepatitis B prevalence	2.3	(0.5-4.0)
HIV prevalence among those <25 years	0.5	(0.0-1.4)	Hepatitis C prevalence	0.7	(0.0-1.5)
HIV prevalence among FSW selling sex ≤1 year	0.0		Syphilis prevalence	2.4	(0.8-4.0)
			Reported any STI symptom	30.6	(25.4-35.8)



^a 44.4% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

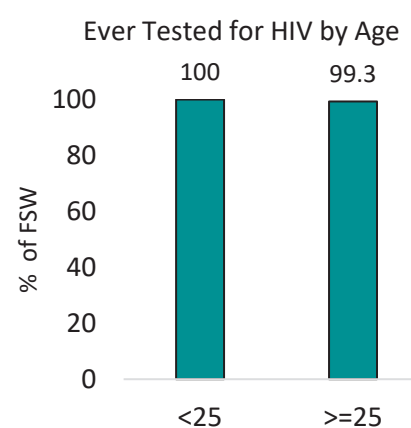
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	37.0	(31.4-42.7)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	38.1	(32.7-43.4)
Clients in past month	15	(2-120)	Always use condoms (regular partner) ^a	17.9	(5.2-30.5)
Regular male partners, past 12 mo.	2	(1-15)	Always use condoms (casual partner) ^a	26.6	(2.8-50.3)
Casual partners, past 12 mo.	2	(1-5)	Most common condom source ^b	For free from pimp/manager	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	42.3	(36.6-48.1)
Forced to have sex	51.4	(45.7-57.1)
Harassed by authorities	65.1	(59.5-70.7)
Afraid of seeking healthcare	55.7	(50.0-61.5)
Rejected by family	56.4	(50.7-62.2)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	99.3	(98.6-100)
Aware of HIV/AIDS treatment	97.5	(95.7-99.3)
Comprehensive HIV knowledge	63.3	(57.6-69.0)
Ever tested for HIV	99.6	(98.9-100)
Received result of last HIV test	99.9	(99.6-100.0)
Received free condoms in past 3 months	98.8	(97.4-100.0)
Received condom use/safe sex counseling in past 3 months	91.5	(88.2-94.8)

**Population Size Estimation**

Meiktila Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
429		

MYANMAR FSW IBBS 2019: MONYWA SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Sagaing	512	4	8	504

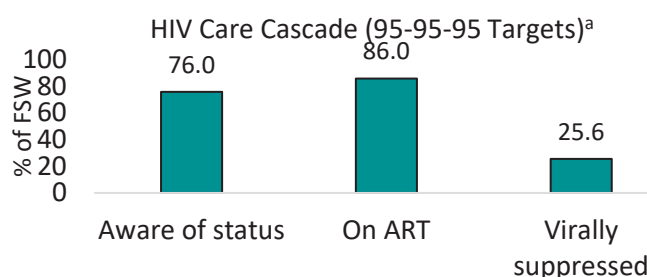
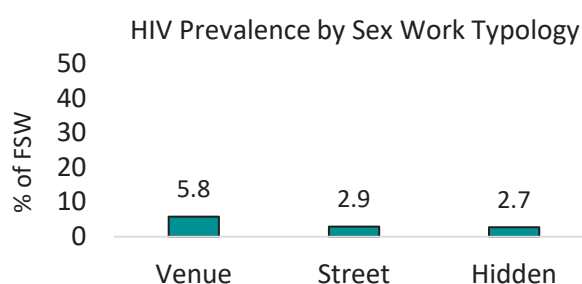
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	32	15-48
Monthly income (kyats)	332,514	(70,000-1,800,000)
Monthly income from sex work	195,952	(10,000-1,500,000)
	%	95% CI
<25 years of age	23.5	(19.4-27.6)
Currently married	65.0	(60.4-69.7)
Can't read or write in Myanmar	14.3	(10.9-17.8)
Highest education attained ^a		
No formal education	8.8	(6.0-11.5)
1 st – 4 th standard	39.4	(34.6-44.2)
5 th – 8 th standard	28.8	(24.2-33.3)
9 th – 10 th standard	17.1	(13.5-20.7)
University/college	2.7	(1.2-4.2)
Sex work typology		
Venue	48.2	(43.3--53.1)
Street	19.2	(15.2--23.1)
Hidden	32.7	(28.1--37.2)
Have sold sex for ≤ 1 year	12.6	(9.1-16.0)
Sex work is main source of income	90.1	(87.3-92.9)

^aRemaining 3.3% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

	%	95% CI		%	95% CI
Overall HIV prevalence	4.2	(2.4-6.0)	Hepatitis B prevalence	6.6	(4.1-9.1)
2015 IBBS HIV prevalence	5.0	(3.0-7.0)	Hepatitis C prevalence	0.6	(0.0-1.3)
HIV prevalence among those <25 years	3.3	(0.0-7.2)	Syphilis prevalence	6.6	(4.2-8.9)
HIV prevalence among FSW selling sex ≤1 year	1.8	(0.0-5.4)	Reported any STI symptom	24.9	(20.6-29.2)



^a74.4% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

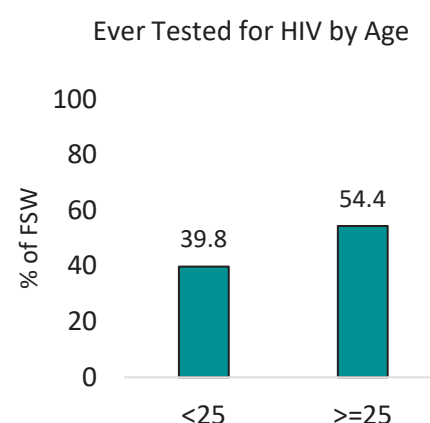
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	2	(1-4)	Ever had anal sex with a client	2.4	(1.0-3.9)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	84.4	(80.9-87.9)
Clients in past month	7	(1-300)	Always use condoms (regular partner) ^a	17.7	(11.6-23.8)
Regular male partners, past 12 mo.	1	(1-18)	Always use condoms (casual partner) ^a	64.5	(36.3-92.8)
Casual partners, past 12 mo.	3	(1-12)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	34.1	(29.5-38.7)
Forced to have sex	38.6	(33.9-43.4)
Harassed by authorities	22.4	(18.6-26.3)
Afraid of seeking healthcare	45.4	(40.5-50.2)
Rejected by family	43.4	(38.5-48.2)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	99.2	(98.3-100.0)
Aware of HIV/AIDS treatment	92.0	(89.2-94.8)
Comprehensive HIV knowledge	61.7	(57.0-66.5)
Ever tested for HIV	51.0	(46.1-55.9)
Received result of last HIV test	97.9	(96.2-99.7)
Received free condoms in past 3 months	62.3	(57.5-67.1)
Received condom use/safe sex counseling in past 3 months	59.7	(54.9-64.6)

**Population Size Estimation**

Monywa Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
1,177		

MYANMAR FSW IBBS 2019: PAKKOKU SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Magway	356	4	6	350

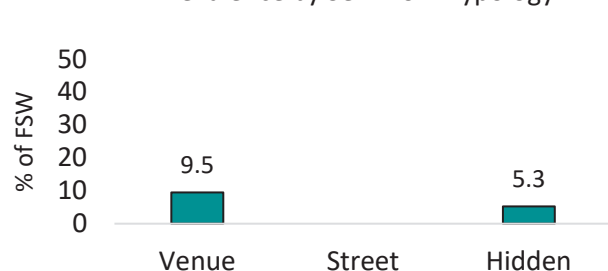
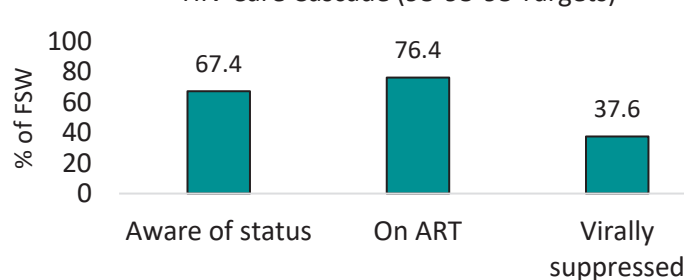
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	30	(16-48)
Monthly income (kyats)	245,004	(50,000-1,300,000)
Monthly income from sex work	186,574	(30,000-1,000,000)
	%	95% CI
<25 years of age	27.2	(22.1-32.3)
Currently married	44.2	(38.3-50.0)
Highest education attained		
No formal education	24.6	(19.4-29.7)
1 st – 4 th standard	36.6	(31.0-42.3)
5 th – 8 th standard	21.1	(16.4-25.8)
9 th – 10 th standard	14.5	(10.2-18.8)
University/college	0.9	(0.0-1.9)
Can't read or write in Myanmar	27.0	(21.6-32.5)
Sex work typology		
Venue	48.4	(42.6-54.3)
Street	16.5	(11.7-21.3)
Hidden	35.0	(29.1-41)
Have sold sex for ≤ 1 year	8.2	(4.9-11.4)
Sex work is main source of income	99.0	(98.0-99.9)

^aRemaining 2.4% attained a monastic education or attended vocational training school

HIV Prevalence, Correlates of Infection and STIs

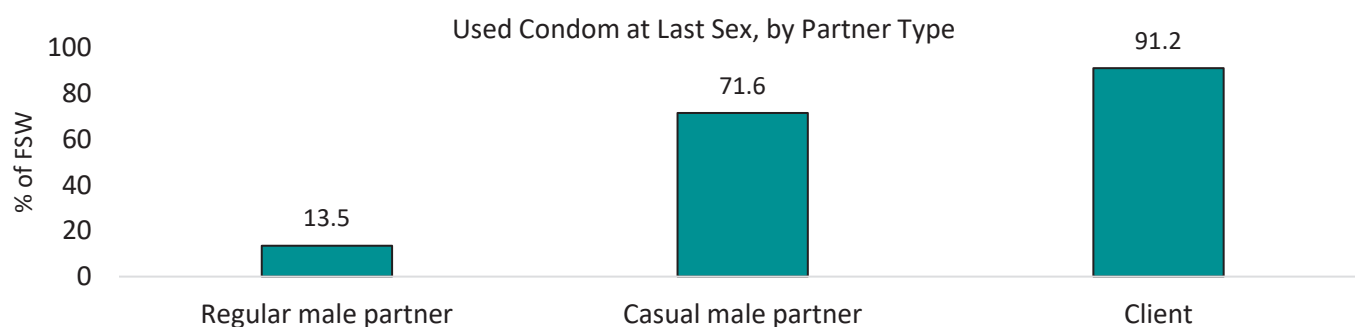
	%	95% CI		%	95% CI
Overall HIV prevalence	6.5	(3.8-9.1)	Hepatitis B prevalence	1.5	(0.0-3.3)
HIV prevalence among those <25 years	6.0	(1.0-11.0)	Hepatitis C prevalence	0.4	(0.0-1.3)
HIV prevalence among FSW selling sex ≤1 year	14.5	(0.0-29.2)	Syphilis prevalence	13.2	(9.1-17.3)
			Reported any STI symptom	15.2	(11.0-19.4)

HIV Prevalence by Sex Work Typology**HIV Care Cascade (95-95-95 Targets)^a**

^a62.4% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

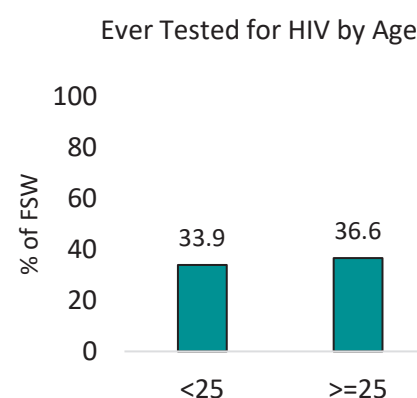
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	2	(1-4)	Ever had anal sex with a client	3.8	(1.9-5.7)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	65.5	(59.5-71.4)
Clients in past month	11	(1-400)	Always use condoms (regular partner) ^a	5.3	(1.8-8.7)
Regular male partners, past 12 mo.	1	(1-5)	Always use condoms (casual partner) ^a	37.5	(0.0-81.4)
Casual partners, past 12 mo.	1	(1-15)	Most common condom source ^b	Client provides	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	4.6	(2.3-6.9)
Forced to have sex	5.4	(2.7-8.1)
Harassed by authorities	8.5	(5.8-11.2)
Afraid of seeking healthcare	65.4	(59.6-71.1)
Rejected by family	32.0	(26.9-37.1)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	99.3	(98.5-100.0)
Aware of HIV/AIDS treatment	60.9	(55.1-66.7)
Comprehensive HIV knowledge	27.9	(23.0-32.8)
Ever tested for HIV	35.9	(30.3-41.4)
Received result of last HIV test	98.0	(95.2-100.0)
Received free condoms in past 3 months	37.6	(32.1-43.0)
Received condom use/safe sex counseling in past 3 months	34.3	(29.1-39.5)

**Population Size Estimation**

Pakkoku Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
645		

MYANMAR FSW IBBS 2019: PATHEIN SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Ayawaddy	533	6	27	506

Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	29	(18-44)
Monthly income (kyats)	270,547	(70,000-1,000,000)
Monthly income from sex work	285,816	(30,000-1,000,000)
	%	95% CI
<25 years of age	29.6	(25.4-33.9)
Currently married	28.0	(23.9-32.2)
Can't read or write in Myanmar	13.3	(10.1-16.4)
Highest education attained ^a		
No formal education	15.8	(12.4-19.1)
1 st – 4 th standard	38.1	(33.6-42.6)
5 th – 8 th standard	32.1	(27.9-36.4)
9 th – 10 th standard	12.9	(9.8-16.0)
University/college	0.3	(0.0-0.7)
Sex work typology		
Venue	62.6	(58.1--67)
Street	27.3	(23.2--31.3)
Hidden	10.2	(7.4--13)
Have sold sex for ≤ 1 year	4.5	(2.6-6.3)
Sex work is main source of income	100.0	(100.0-100.0)

^aRemaining 0.8% attained monastic education

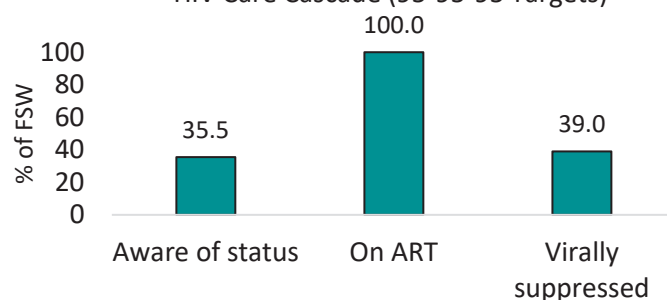
HIV Prevalence, Correlates of Infection and STIs

	%	95% CI		%	95% CI
Overall HIV prevalence	7.1	(4.8-9.4)	Hepatitis B prevalence	6.7	(4.4-8.9)
2015 IBBS HIV prevalence	11.0	(6.0-15.0)	Hepatitis C prevalence	2.5	(1.1-3.9)
HIV prevalence among those <25 years	7.5	(2.9-12.0)	Syphilis prevalence	12.9	(9.8-16.0)
HIV prevalence among FSW selling sex ≤1 year	9.0	(0.0-20.0)	Reported any STI symptom	50.4	(45.8-55.0)

HIV Prevalence by Sex Work Typology



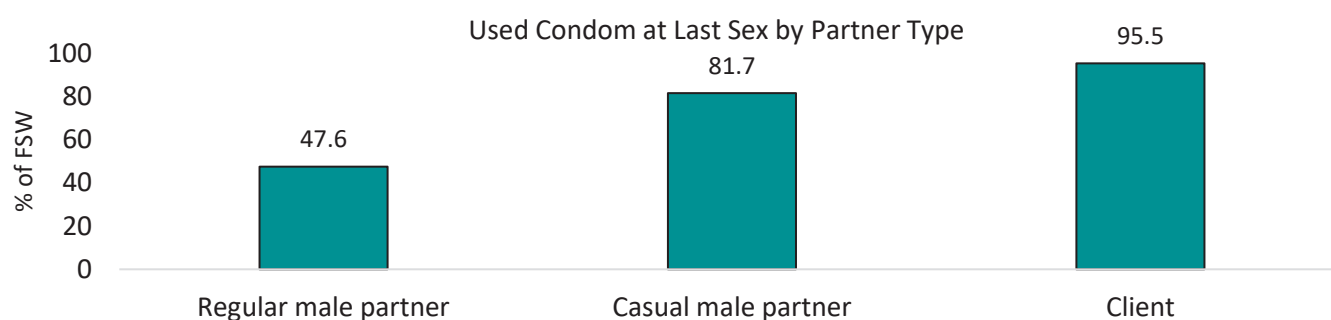
HIV Care Cascade (95-95-95 Targets)^a



^a25.8% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

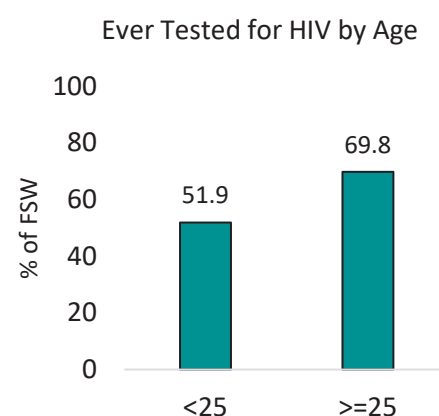
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	9.4	(6.8-12.0)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	70.2	(66.0-74.5)
Clients in past month	19	(1-80)	Always use condoms (regular partner) ^a	16.5	(11.7-21.4)
Regular male partners, past 12 mo.	2	(1-21)	Always use condoms (casual partner) ^a	74.1	(67.0-81.2)
Casual partners, past 12 mo.	1	(1-10)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	32.5	(28.2-36.8)
Forced to have sex	31.7	(27.5-35.9)
Harassed by authorities	57.1	(52.5-61.6)
Afraid of seeking healthcare	53.5	(48.9-58.1)
Rejected by family	68.9	(64.6-73.2)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	99.4	(98.7-100.0)
Aware of HIV/AIDS treatment	93.4	(91.3-95.6)
Comprehensive HIV knowledge	72.9	(68.9-77.0)
Ever tested for HIV	64.5	(60.1-68.9)
Received result of last HIV test	98.7	(97.5-99.9)
Received free condoms in past 3 months	71.7	(67.5-75.9)
Received condom use/safe sex counseling in past 3 months	29.1	(25.0-33.1)

**Population Size Estimation**

Pathein Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
1,975		

MYANMAR FSW IBBS 2019: PYAY SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Bago	406	4	33	373

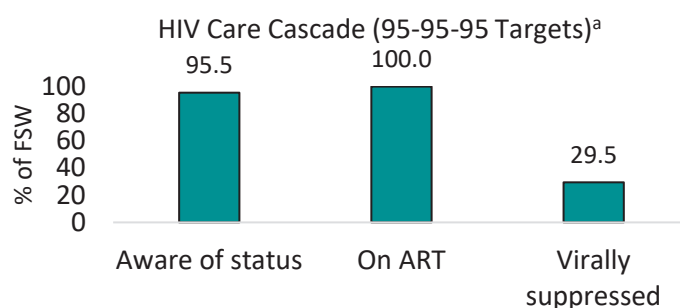
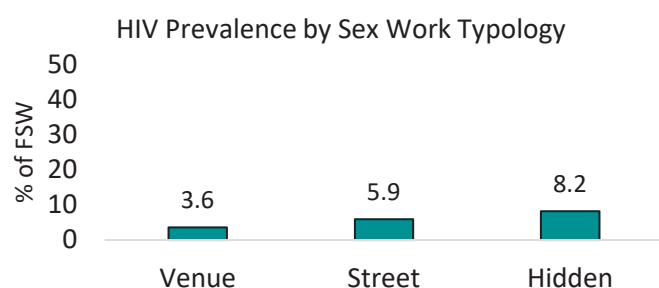
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	30	(18-48)
Monthly income (kyats)	293,300	(100,000-1,000,000)
Monthly income from sex work	284,815	(30,000-950,000)
	%	95% CI
<25 years of age	25.6	(20.4-30.8)
Currently married	39.8	(34.2-45.4)
Can't read or write in Myanmar	25.8	(20.6-31.0)
Highest education attained ^a		
No formal education	23.9	(19.0-28.8)
1 st – 4 th standard	20.3	(15.5-25.0)
5 th – 8 th standard	37.1	(31.7-42.6)
9 th – 10 th standard	17.3	(13.1-21.5)
University/college	0.1	(0.0-0.3)
Sex work typology		
Venue	34.8	(29.5-40.1)
Street	40.1	(34.4-45.7)
Hidden	25.1	(20.1-30.2)
Have sold sex for ≤ 1 year	11.9	(8.2-15.5)
Sex work is main source of income	91.8	(89.4-94.2)

^aRemaining 1.3% attended monastic education

HIV Prevalence, Correlates of Infection and STIs

	%	95% CI		%	95% CI
Overall HIV prevalence	5.7	(2.7-8.7)	Hepatitis B prevalence	3.4	(1.2-5.6)
2015 IBBS HIV prevalence	11.0	(8.0-14.0)	Hepatitis C prevalence	2.3	(0.7-4.0)
HIV prevalence among those <25 years	6.0	(0.0-14.0)	Syphilis prevalence	16.1	(11.5-20.8)
HIV prevalence among FSW selling sex ≤1 year	2.1	(0.0-6.5)	Reported any STI symptom	26.3	(20.7-31.8)



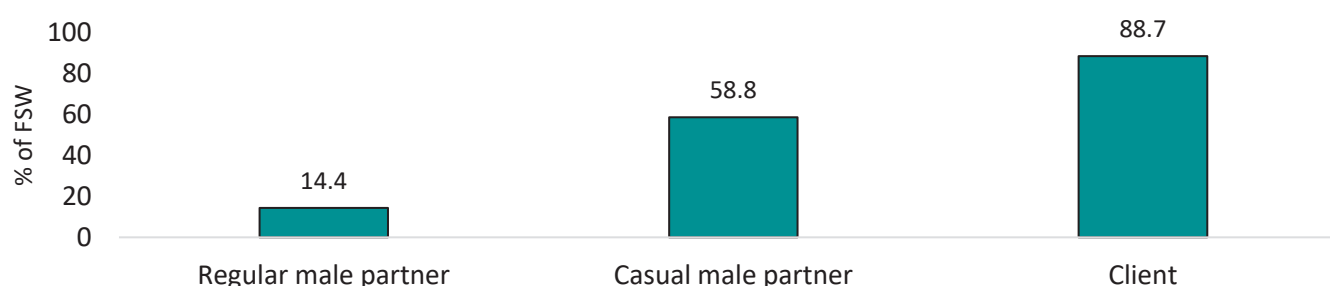
^a54.5% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	25.0	(20.4-29.6)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	63.5	(58.0-69.0)
Clients in past month	20	(2-120)	Always use condoms (regular partner) ^a	13.2	(7.1-19.4)
Regular male partners, past 12 mo.	1	(1-30)	Always use condoms (casual partner) ^a	46.6	(37.4-55.8)
Casual partners, past 12 mo.	2	(1-60)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"

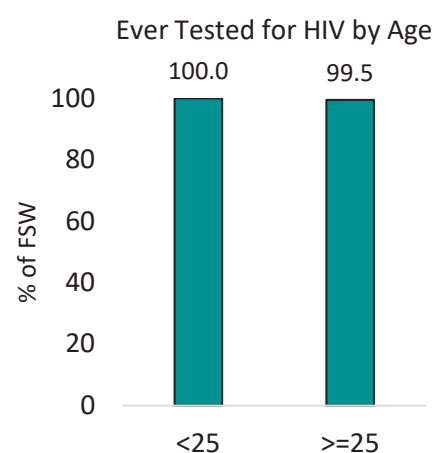
Used Condom at Last Sex by Partner Type

**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	58.1	(52.4-63.7)
Forced to have sex	62.7	(57.1-68.4)
Harassed by authorities	55.1	(49.3-60.8)
Afraid of seeking healthcare	75.5	(70.2-80.7)
Rejected by family	68.2	(62.8-73.5)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	98.3	(96.2-100.0)
Aware of HIV/AIDS treatment	96.7	(94.1-99.2) ^a
Comprehensive HIV knowledge	31.0	(25.8-36.3)
Ever tested for HIV	99.7	(99.0-100.0)
Received result of last HIV test	99.2	(98.4-100.0)
Received free condoms in past 3 months	95.9	(92.8-99.1)
Received condom use/safe sex counseling in past 3 months	96.8	(94.1-99.5)

^aOne participant did not answer**Population Size Estimation**

Pyay Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
1,018		

MYANMAR FSW IBBS 2019: TAUNGGYI SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Shan (S)	472	8	51	421

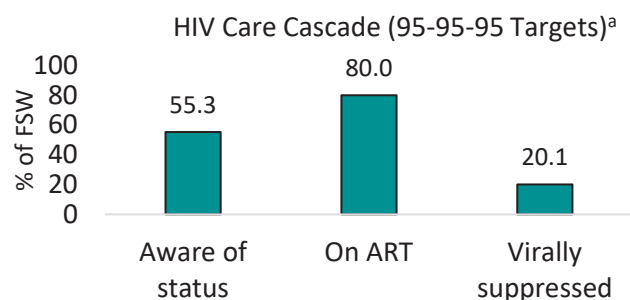
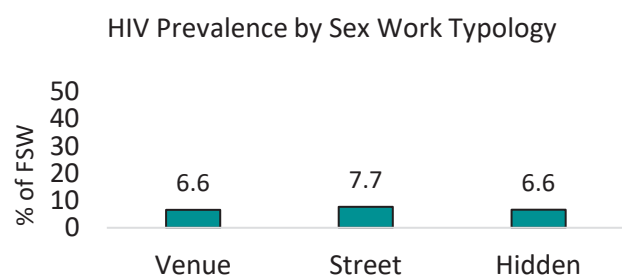
Socio-Demographics and Sex Work Typology

FSW Characteristics	Median	Range
Age	29	(17-48)
Monthly income (kyats)	281,543	(0-2,000,000)
Monthly income from sex work	280,770	(0-1,500,000)
	%	95% CI
<25 years of age	30.2	(25.0-35.3)
Currently married	37.8	(32.5-43.2)
Can't read or write in Myanmar	3.0	(1.2-4.7)
Highest education attained ^a		
No formal education	2.6	(1.0-4.1)
1 st – 4 th standard	32.4	(27.2-37.5)
5 th – 8 th standard	32.0	(26.9-37.1)
9 th – 10 th standard	28.7	(23.4-33.9)
University/college	3.6	(1.5-5.7)
Sex work typology		
Venue	43.6	(38.2-49.1)
Street	7.6	(4.6-10.5)
Hidden	48.8	(43.2-54.3)
Have sold sex for ≤ 1 year	11.2	(7.9-14.6)
Sex work is main source of income	98.3	(97.0-99.6)

^a Remaining 0.8% attained a monastic education or attended vocational training school

HIV Prevalence, Correlates of Infection and STIs

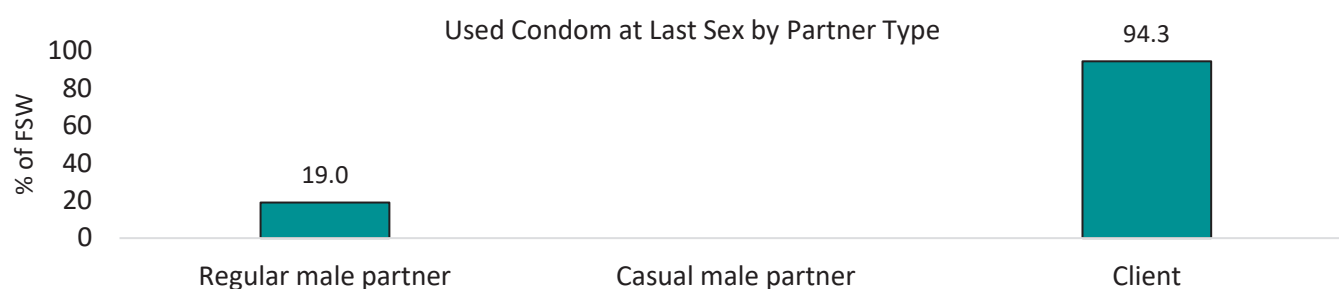
	%	95% CI		%	95% CI
Overall HIV prevalence	6.7	(4.2-9.1)	Hepatitis B prevalence	4.4	(2.3-6.5)
HIV prevalence among those <25 years	3.3	(0.0-6.6)	Hepatitis C prevalence	1.7	(0.5-2.9)
HIV prevalence among FSW selling sex ≤1 year	2.9	(0.0-7.7)	Syphilis prevalence	9.4	(6.0-12.8)
			Reported any STI symptom	27.6	(22.5-32.6)



^a 72.0% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

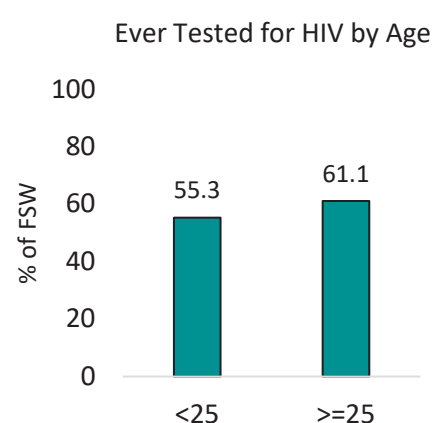
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	2	(1-4)	Ever had anal sex with a client	1.1	(0.0-2.1)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	87.6	(83.7-91.5)
Clients in past month	6	(1-120)	Always use condoms (regular partner) ^a	22.6	(8.5-36.8)
Regular male partners, past 12 mo.	1	(1-18)	Always use condoms (casual partner) ^a	0.0	(0.0-0.0)
Casual partners, past 12 mo.	5	(5-5)	Most common condom source ^b	Client provides	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	11.3	(8.0-14.5)
Forced to have sex	10.5	(7.1-13.9)
Harassed by authorities	7.8	(4.9-10.7)
Afraid of seeking healthcare	23.9	(19.2-28.7)
Rejected by family	56.8	(51.2-62.4)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	97.8	(96.3-99.3)
Aware of HIV/AIDS treatment	88.6	(85.0-92.2)
Comprehensive HIV knowledge	9.7	(6.0-13.4)
Ever tested for HIV	59.3	(53.9-64.8)
Received result of last HIV test	98.0	(96.3-99.8)
Received free condoms in past 3 months	44.0	(38.6-49.5)
Received condom use/safe sex counseling in past 3 months	36.1	(30.9-41.2)

**Population Size Estimation**

Taunggyi Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
1,082		

MYANMAR FSW IBBS 2019: YANGON SITE PROFILE

The Integrated Biological and Behavioural Survey (IBBS) among female sex workers (FSW) was conducted in 2019 in 11 select sites in Myanmar. The overall objectives of the survey were to 1) estimate the prevalence of HIV, HBV, HCV, STI and associated risk behaviours among FSW, 2) assess HIV-related knowledge and attitudes among FSW, 3) estimate the HIV care cascade among FSW living with HIV and 4) estimate the population size of FSW in the survey cities. The survey was led by the National AIDS Programme with support from ICAP at Columbia University, the United States Centre for Disease Control and Prevention (CDC), and UNAIDS.

Sample Size and Network Characteristics

State/Division	Enrolled	Seeds	Non-Eligible/Refused	Participated
Yangon	741	8	24	716

Socio-Demographics and Sex Work Typology

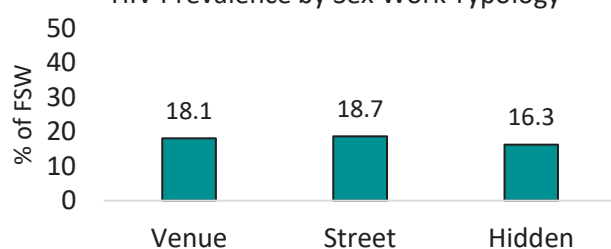
FSW Characteristics	Median	Range
Age	34	(16-49)
Monthly income (kyats)	293,196	(10,000-5,800,000)
Monthly income from sex work	245,159	(10,000-1,440,000)
	%	95% CI
<25 years of age	16.6	(13.7-19.6)
Currently married	30.1	(26.5-33.7)
Can't read or write in Myanmar	23.9	(20.5-27.3)
Highest education attained ^a		
No formal education	15.1	(12.3-17.9)
1 st – 4 th standard	32.4	(28.6-36.1)
5 th – 8 th standard	29.2	(25.7-32.8)
9 th – 10 th standard	19.5	(16.4-22.7)
University/college	2.4	(1.3-3.6)
Sex work typology		
Venue	28.6	(25.1-32.1)
Street	42.6	(38.7-46.5)
Hidden	28.8	(25.2-32.5)
Have sold sex for ≤ 1 year	12.1	(9.3-15.0)
Sex work is main source of income	86.4	(83.9-88.9)

^aRemaining 1.4% attended monastic education and vocational training school

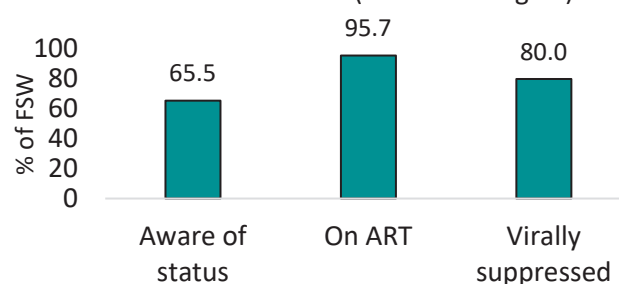
HIV Prevalence, Correlates of Infection and STIs

	%	95% CI		%	95% CI
Overall HIV prevalence	17.8	(14.8-20.8)	Hepatitis B prevalence	4.0	(2.4-5.5)
2015 IBBS HIV prevalence	25.0	(19.0-31.0)	Hepatitis C prevalence	2.0	(1.0-3.1)
HIV prevalence among those <25 years	2.8	(0.0-5.6)	Syphilis prevalence	18.3	(15.3-21.3)
HIV prevalence among FSW selling sex ≤1 year	7.2	(0.0-15.1)	Reported any STI symptom	34.1	(30.3-37.8)

HIV Prevalence by Sex Work Typology



HIV Care Cascade (95-95-95 Targets)^a



^a15.7% did not test VL, did not remember or did not respond

Sexual History and Risk Behavior

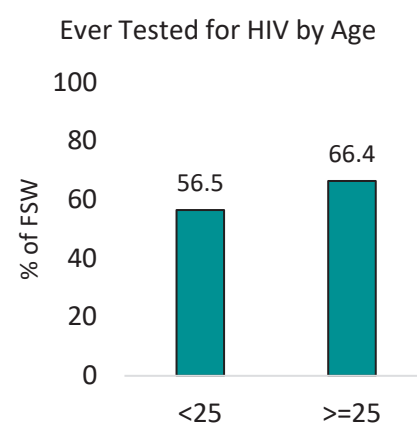
Number of:	Median	Range	Sexual Risk	%	95% CI
Weeks in a month doing sex work	3	(1-4)	Ever had anal sex with a client	13.1	(10.6-15.7)
Days in week doing sex work	2	(0-25)	Always use condom (clients) ^a	64.6	(60.9-68.4)
Clients in past month	9	(1-540)	Always use condoms (regular partner) ^a	26.4	(20.8-32.1)
Regular male partners, past 12 mo.	1	(0-20)	Always use condoms (casual partner) ^a	71.2	(53.2-89.2)
Casual partners, past 12 mo.	3	(1-50)	Most common condom source ^b	For free from NGO	

^aIn past one month^bMost frequently reported answer to "how do you get condoms most of the time in past 12 months?"**Stigma, Discrimination and Violence**

Experienced in Past 12 Months Due to KP Status	%	95% CI
Physical violence	16.8	(14.0-19.7)
Forced to have sex	16.4	(13.5-19.3)
Harassed by authorities	36.5	(32.7-40.3)
Afraid of seeking healthcare	59.6	(55.8-63.5)
Rejected by family	46.3	(42.3-50.2)

Knowledge, Service Utilization and Condoms/Lubricants

	%	95% CI
Ever received information on HIV/AIDS	95.4	(93.7-97.1)
Aware of HIV/AIDS treatment	91.7	(89.6-93.9)
Comprehensive HIV knowledge	41.1	(37.3-45.0)
Ever tested for HIV	64.7	(60.9-68.6)
Received result of last HIV test	98.4	(96.8-100.0)
Received free condoms in past 3 months	57.6	(53.6-61.5)
Received condom use/safe sex counseling in past 3 months	50.1	(46.2-54.1)

**Population Size Estimation**

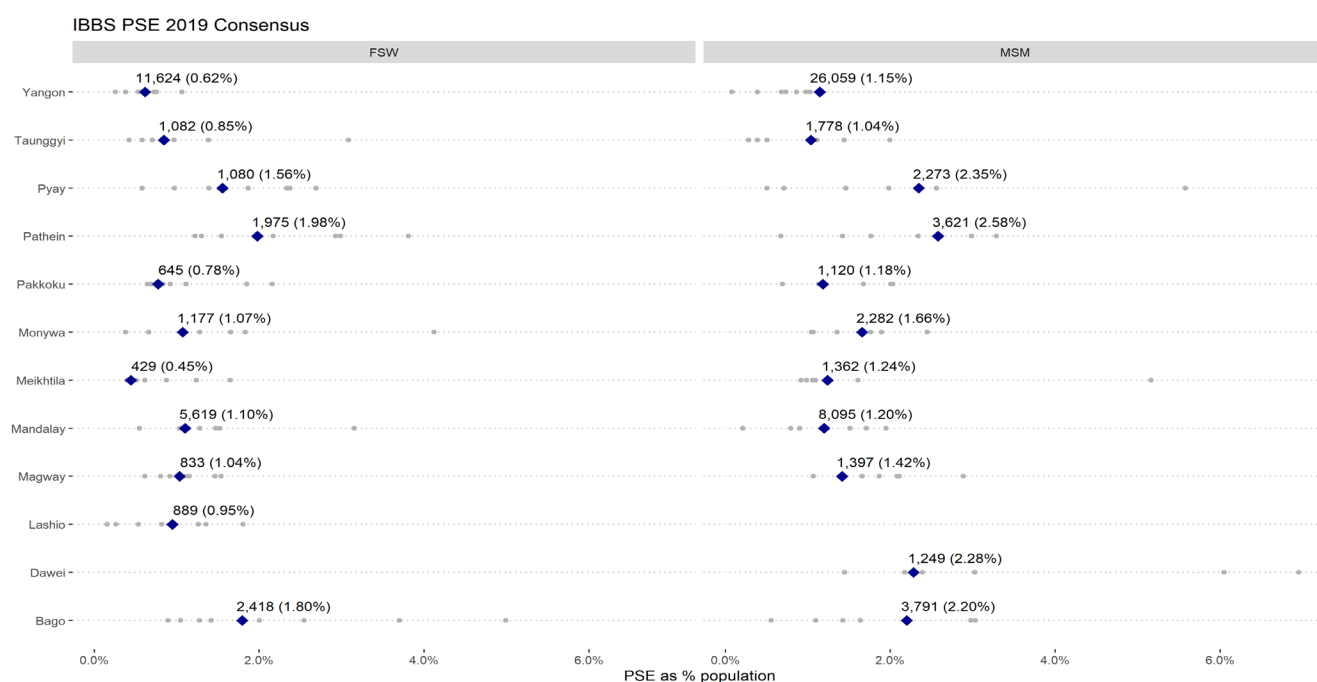
Yangon Consensus Estimate	Size as % of 15+ Male Population	Estimated Adult Male Population
11,624		

7.2. Population Size Estimation of FSW 2019

7.2.1. PSE Consensus for IBBS Sites

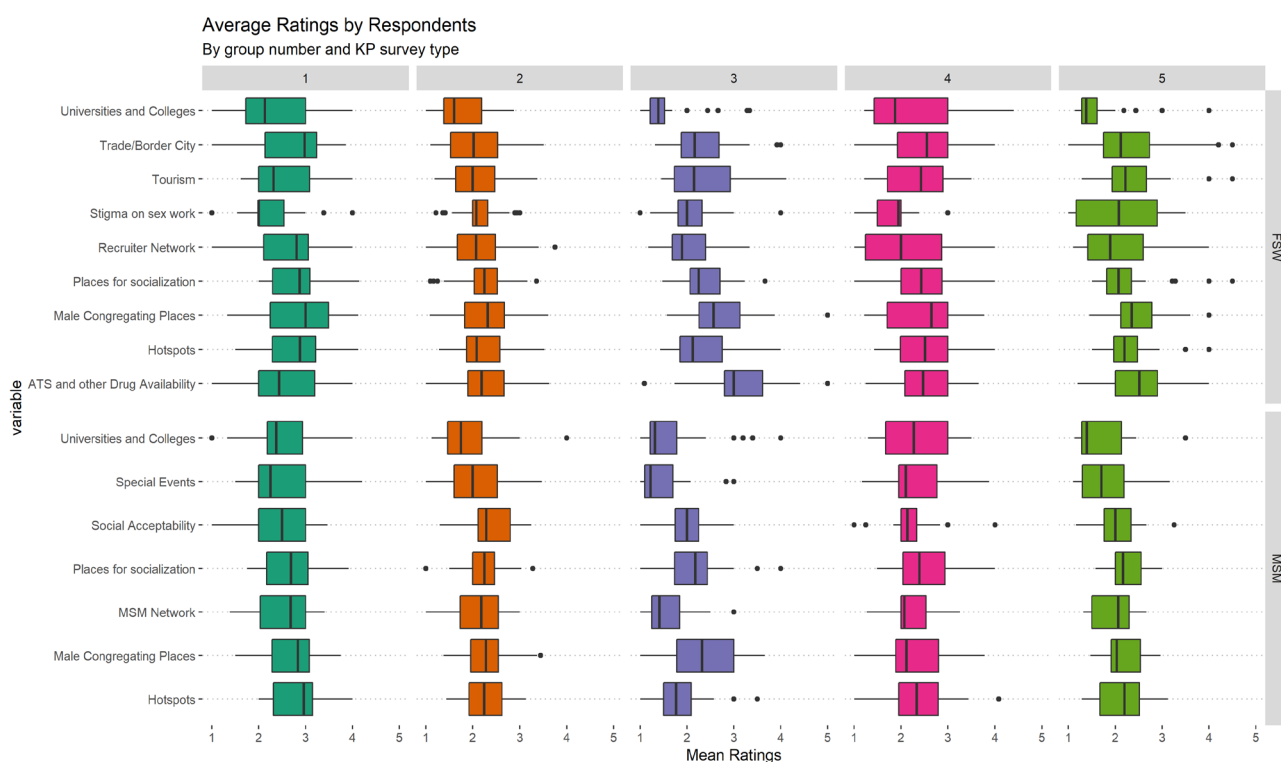
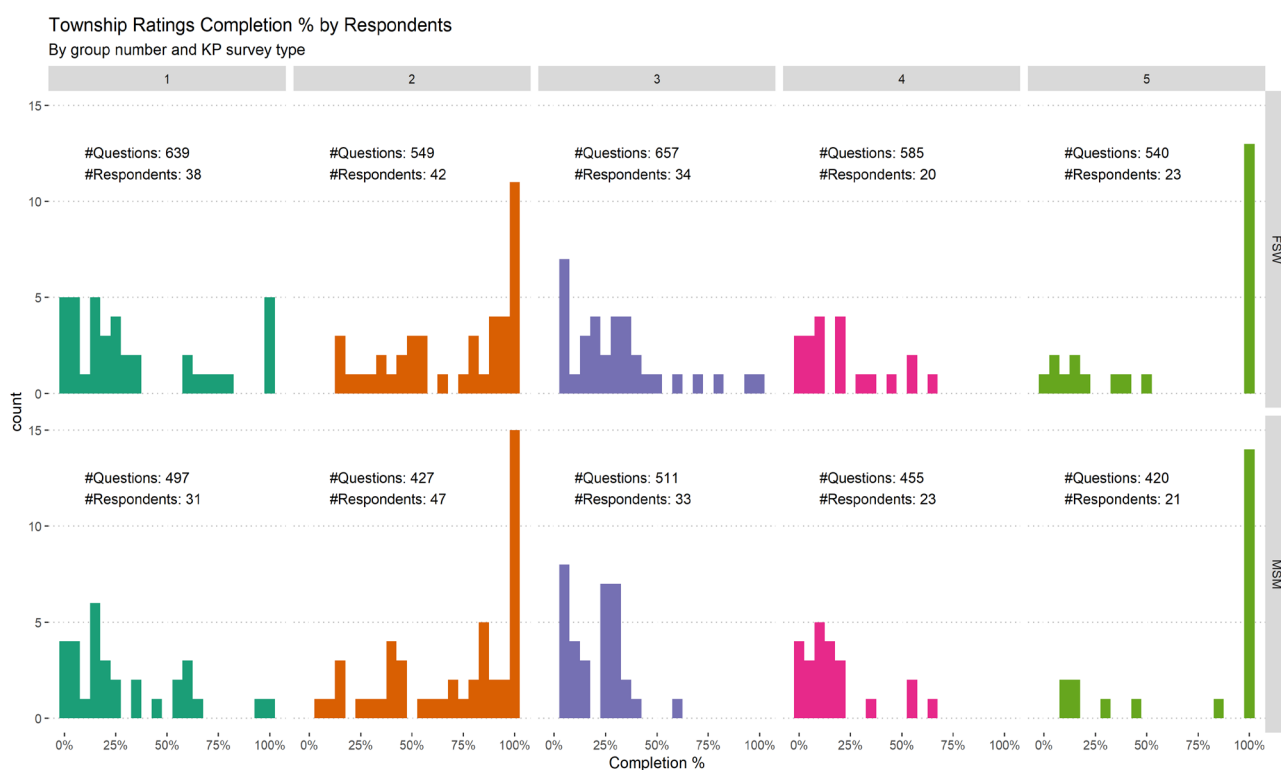
PSE for each IBBS site was taken from group work consensus, where various stakeholders discussed all the data points including IBBS estimates, programmatic mapping results, and routine service delivery data. Point estimates were made for each site, and respective population percentages were calculated.

IBBS site	FSW		
	PSE	PSE LB	PSE UB
Yangon city	11,624	11,031	13,652
Mandalay city	5,619	4,215	7,021
Meiktila	429	363	945
Bago	2,418	1,178	2,600
Pyay	1,018	903	1,257
Magway	833	691	976
Pakkoku	645	406	1,140
Monywa	1,177	935	1,418
Pathein	1,975	1,673	2,277
Taunggyi	1,082	900	1,265
Lashio	889	762	1,016



7.2.2. Township ratings

After the FSW PSE consensus for each IBBS sites, the participants of five groups rated all the 330 townships in Myanmar on five-point Likert scale for the potential influencing factors for FSW population in each township. There were nine factors for each population group and each township, and each participant provided ratings for each item to the best of their knowledge. The ratings were collected in real-time via online survey platform (SurveyGizmo), and then compiled to form a country-wide dataset of ratings. During compilation, duplicate responses from the same individuals due to technical issues were removed. And then, the responses with zero variance (where a participant gave exactly the same response to each township) were removed. Finally, the distribution of ratings were checked, and a correlation matrix was constructed for each population group to check collinearity between the factors.



7.2.3. Township Level Split of PSE for Large Cities (Yangon and Mandalay)

Since Yangon and Mandalay cities comprised of more than one township, the site level consensus estimates from IBBS were split into each township. The split was calculated as proportional to base population and the composite township score. As a result, township level PSE estimates were generated for 34 townships in Yangon, and 7 townships in Mandalay, resulting in a total of 50 townships with updated PSE from IBBS 2019.

7.2.4. Existing Data Review

Existing 2019 program data was reviewed against the new PSE estimates at IBBS sites. From the review, numbers reached correlated the best with estimated PSE for FSW. Therefore, for townships outside of IBBS sites, these numbers were used as indicative PSE for the final model.

The background program data for all townships in 2019 was also reviewed for use as potential predictors for PSE model. These included total number of people tested, total HIV positive, and prevalence of HIV among antenatal care clients.

7.2.5. Modeling Population Size for Each Township

Population Size Estimates for each township were modeled using random forest machine learning algorithm in R version 4.0, using ranger model. The final outcome was the population size estimate, and the potential predictors included all variables from rating, existing background data, and the respective base population of the township. The model was trained on 80/20 split of the available data (i.e., 80%), and pre-processing of data was done to remove variables with zero variance or high collinearity. The model hyperparameters were tuned using size-10 grid, and the best model was selected using RMSE. Then, the predictions were cross-validated using the 20% fraction reserved for validation.

The final model was used to predict the PSE for all the remaining townships, except the IBBS sites. High and low credible intervals for each estimate were also produced using the model. PSE outliers were flagged in the final estimates using median $\pm$ 3IQR for PSE as the proportion of the base population.

7.2.6. Checking and adjustment of outlier values

Consensus PSE for IBBS sites and township level split PSE (50 townships in total) were used for IBBS townships. Township level PSE outliers were flagged using median $\pm$ 3IQR for PSE as the proportion of the base township population.

For female sex worker PSE, 14 townships stood out as outliers. i.e, FSW PSE > 2.33% of base township population, 12 of them were townships with very small base township populations. After PSE core working group discussion and confirmation with local sources, it was decided to recalculate township PSE using median PSE proportion (0.41%) for townships with small base population (Chipwi, Injanyang, Machanbaw, Nawngmun, Sumprabum and Tsawlaw from Kachin, Bawlakhe, Mese and Shadaw from Kayah, Htamti and Lay Shi from Sagaing, and Cocokyun from Yangon). Myawaddy from Kayin and Mongla from Shan (E) were left as original values as they both are border townships recognized as having high sex work activities.

The final national PSE in 2019 for FSW becomes 75,000 which is 0.5% of national female 15-49 years population with a range from 54,000 to 99,500.

7.2.7. Validation of the result in a large group meeting

Finally, the national PSE calculation process and results were presented in a large group meeting including National AIDS Program officials from different levels, experts from technical organizations, UN and I/NGO partners, and community networks including key populations. It was discussed and agreed that the population size estimates were good for the year 2019 and some adjustments might be necessary for the years ahead. It was suggested that for the purpose of program use, the transition and mobility rate should be considered especially for FSW PSE, and experts from NAP should be consulted before using it.

7.2.8. FSW PSE by state and region 2019

State/Region	FSW PSE	Pop %	FSW PSE LB	Pop %	FSW PSE UB	Pop %
Ayeyarwaddy	6,300	0.4%	5,100	0.3%	7,600	0.5%
Bago	6,460	0.5%	4,000	0.3%	7,900	0.6%
Chin	650	0.5%	400	0.3%	900	0.7%
Kachin	5,050	1.1%	3,100	0.7%	7,900	1.7%
Kayah	520	0.6%	400	0.5%	900	1.1%
Kayin	2,770	0.7%	1,800	0.5%	3,800	1.0%
Magway	3,100	0.3%	2,100	0.2%	4,300	0.4%
Mandalay	9,760	0.5%	7,000	0.4%	13,000	0.7%
Mon	3,370	0.7%	2,300	0.4%	4,500	0.9%
Nay Pyi Taw	1,030	0.3%	850	0.2%	1,300	0.4%
Rakhine	1,670	0.2%	1,200	0.1%	2,100	0.2%
Sagaing	7,100	0.5%	4,000	0.3%	10,900	0.7%
Shan (E)	2,680	1.1%	1,900	0.8%	3,500	1.4%
Shan (N)	5,250	0.7%	3,150	0.4%	7,300	1.0%
Shan (S)	3,080	0.4%	2,400	0.3%	3,800	0.5%
Tanintharyi	2,850	0.8%	1,900	0.5%	3,900	1.1%
Yangon	13,360	0.5%	12,400	0.5%	15,900	0.6%
Myanmar	75,000	0.5%	54,000	0.4%	99,500	0.7%

7.3 FSW IBBS survey data report

A. General Characteristics

Table A1: Age

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheim, n=506		Pyay, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q201																								
Age																								
15-19	321	6.9	37	8	17	10.7	21	6	53	7.1	14	4.4	39	8	37	10.8	16	3.2	19	5.5	36	9.4	32	4.9
20-24	1035	19.6	73	14.8	42	21	77	21.5	160	24.6	148	42	81	15.5	67	16.4	130	26.4	76	20.1	87	20.7	94	11.7
25-29	1008	19.7	99	20.7	46	24.2	52	14.3	162	24.1	106	31.1	80	15.3	53	15.4	111	22.4	88	22.5	95	22.7	116	16.2
30-34	912	18.6	92	20.2	46	20.4	64	17.8	120	19.1	50	13.7	103	21.3	51	13.3	93	17.4	75	19.2	94	22	124	17.7
35-39	843	18	92	20.5	22	10.9	71	19.8	100	14.8	19	5.3	86	17.2	56	16.3	124	24	64	18.3	69	17.4	140	20
>40	771	17.3	73	15.8	20	12.8	70	20.6	61	10.3	13	3.5	115	22.7	86	27.8	32	6.6	51	14.3	40	7.7	210	29.4

Table A2: live in current township

Denominator (All)	All sites, n=4890	Bago, n=466	Lashio, n=193	Magway, n=355	Mandalay, n=656	Meiktila, n=350	Monywa, n=504	Pakkoku, n=350	Patheim, n=506	Pyay, n=373	Taunggyi, n=421	Yangon, n=716														
Variable - Q204	✓	M	✓	M	✓	M	✓	M	✓	M	✓	M														
How long have lived here (Year)																										
Mean ($\bar{x}$), median (M)	19.8	21.0	22	25	7.7	1	22	23	12.1	8	9.9	3	26.4	29	26.4	29	26.4	29	27.5	28	27.5	28	15.4	11	15.4	10

Table A3. Reason of residence move (multiple responses allowed)

Denominator (respondents who moved from somewhere else)	All sites, n=2769		Bago, n=184		Lashio, n=166		Magway, n=158		Mandalay, n=606		Meiktila, n=310		Monywa, n=225		Pakkoku, n=137		Patheim, n=46		Pyay, n=63		Taunggyi, n=271		Yangon, n=603	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q206																								
Reasons for move																								
For sex work	1602	61.2	156	79.4	128	82.5	110	68.7	341	73.3	271	99.2	85	49.4	79	69.5	31	70.7	46	69.3	217	77.8	138	23.8
For work other than sex work	328	14.4	11	8	27	14.6	9	6.5	124	31.8	2	0.8	41	25.7	19	17.7	2	3.8	1	1.9	2	0.4	90	15.9
For education/studies	8	0.2			1	0.4			2	0.5	3	0.8	1	0.5	1	0.7								
For health reasons	7	0.3							1	0.3	1	0.3	1	0.5	1	0.4							3	0.7
Family moved	527	25.3	11	8.1	10	6.4	22	17.8	100	21.1	6	1.8	54	41.9	20	20.7	9	24	10	20.2	35	13.7	250	48.4
Moved with partner	190	9.1	5	4.2			14	8.3	35	8.2	4	1.5	35	20.1	15	14.5	2	3.5	5	9.5	16	8.6	59	12.2
Separated from family due to disaster/conflict/family conflict	58	2.7	1	0.4					3	0.7	7	2.1	6	2.5	2	2.2							39	8.3
Stigma and discrimination	31	1.1					1	0.7			16	5.7					2	3.9	1	1.9			11	2.3

Other	16	0.8					2	1.7				1	0.8				1	0.4	12	2.1
No answer	2	0.1										1	0.8						1	0.2

Table A4. Literacy in Myanmar Language

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheingyi, n=506		Pyaw, n=373		Taunggyi, n=421		Yangon, n=716	
Variable - Q207	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Cannot read nor write	749	16.8	75	18	13	7	73	21.7	91	14.1	5	1.2	75	14.3	85	27	66	13.3	88	25.8	13	3	165	23.9
Can read only	217	4.7	9	2.1	16	7.8	13	4.5	44	6.8	13	2.9	26	5.1	16	5.5	6	1	8	2.8	18	3.9	48	7
Can write only	111	2.2	22	4.4	10	4	13	3.6	8	1.7	2	0.8	12	2	10	2.7	1	0.2	8	2.6	13	2.7	12	1.4
Can read and write	3813	76.3	360	75.4	154	81.2	256	70.3	513	77.4	330	95.1	391	78.6	239	64.8	433	85.5	269	68.8	377	90.5	491	67.8

Table A5. What is the highest level of education you have completed?

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheingyi, n=506		Pyaw, n=373		Taunggyi, n=421		Yangon, n=716	
Variable - Q208	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No formal education	672	14.7	68	16.2	26	15	68	20.4	90	13.9	10	2.3	48	8.8	81	24.6	79	15.8	84	23.9	12	2.6	106	15.1
Monastic education	77	1.7	9	1.8	4	1.2	5	1.9	16	2.9	4	1.2	15	3.3	5	2.2	4	0.8	5	1.3	2	0.6	8	1.1
1st-4th standard	1623	34	167	35.8	64	31	128	35.9	220	33.9	103	33.6	198	39.4	130	36.6	184	38.1	70	20.3	133	32.4	226	32.4
5th-8th standard	1550	30.3	144	29.9	54	30.1	107	29.6	182	26.6	190	53.3	137	28.8	78	21.1	170	32.1	141	37.1	137	32	210	29.2
9-10th standard	856	17.3	67	14.7	39	21.1	44	11.4	121	18.6	41	9.2	92	17.1	51	14.5	66	12.9	72	17.3	119	28.7	144	19.5
Vocational training school	4	0.1													1	0.2					1	0.2	2	0.3
University/College	108	2	11	1.7	6	1.7	3	0.9	27	4.2	2	0.4	14	2.7	4	0.9	3	0.3	1	0.1	17	3.6	20	2.4

Table A6. Are you currently a student?

Denominator (respondents who had ever been to school)	All sites, n=4218		Bago, n=398		Lashio, n=167		Magway, n=287		Mandalay, n=566		Meiktila, n=340		Monywa, n=456		Pakkoku, n=269		Patheingyi, n=427		Pyaw, n=289		Taunggyi, n=409		Yangon, n=610	
Variable - Q209	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4190	99.4	397	99.8	166	99.6	287	100	564	99.6	340	100	450	98.5	268	99.8	425	99.9	286	99.4	402	98.1	605	99.5
Yes	28	0.6	1	0.2	1	0.4			2	0.4			6	1.5	1	0.2	2	0.1	3	0.6	7	1.9	5	0.5

Table A7. Income sources during last 12 months

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheingyi, n=506		Pyaw, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q210																								
Sex work	4562	93.8	340	71.5	129	69.1	355	100	586	89.8	344	98.2	492	97.5	350	100	506	100	368	99.1	416	98.9	676	95.4
Broker/manager/pimp	243	4	26	5.2			12	2.8	59	7.3	32	8.6	18	2	5	1	4	0.8	2	0.3	1	0.2	84	10.4
Salaried (public/private sector)	109	2.1					5	0.8	11	1.6	1	0.3	25	4.9			1	0.1	14	2.6	1	0.3	51	6.7
Farming/agriculture	14	0.3					5	1.5					6	1.3	2	0.5	1	0.2						
Manual/unskilled laborer	906	21.5			2	0.9	46	15.2	38	6.2	5	1.9	217	45.2	227	71.2	52	9.9	123	33.4	9	2.2	187	26.6
Trade/business/shop	270	6			2	0.9	38	10.6	8	1.3	1	0.4	154	32.3	23	5.2	15	2.5	5	1	2	0.4	22	3.1
Beauty salon/Massage parlor	333	5.7	50	11.6	65	32.3	2	0.3	38	5.9	47	16.1	12	2.1	28	6.4	8	1.1	57	9.4	1	0.2	25	3.2
Entertainment/Hospitality (e.g. karaoke, restaurant, tea shop)	550	9.4	51	11.8	21	7.3	22	5.3	232	34.4	61	18.1	44	7.6	13	2.7	3	0.5	21	3.8	4	0.9	78	9.7
Dependent on others	55	1.2			1	0.9			3	0.5			14	3.5	2	0.2			1	0.5	1	0.4	33	3.9
Other (Specify)	6	0.1			1	0.4							2	0.6	1	0.3							2	0.2

Table A8. Main income sources during last 12 months

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheingyi, n=506		Pyaw, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q211																								
Sex work	4140	86.7	339	71.4	116	63.5	354	99.7	410	60.1	295	85.6	448	90.1	345	99	506	100	316	91.8	413	98.3	598	86.4
Broker/manager/pimp	152	2.4	26	5.2					52	7	12	3.4	12	1.3	2	0.2			2	0.3	1	0.2	45	5.1
Salaried (public/private sector)	6	0.1							1	0.2											1	0.3	4	0.5
Farming/agriculture	2	0					1	0.3					1	0.1										
Manual/unskilled laborer	20	0.4							1	0.1	2	0.7	3	0.8					5	1	4	0.7	5	0.6
Trade/business/shop	15	0.3							1	0			10	2.3	2	0.5			1	0.2			1	0.2
Beauty salon/Massage parlor	204	3.6	50	11.6	61	31			25	4.5	15	3.6	1	0.2					41	5.6			11	1.2
Entertainment/Hospitality (e.g. karaoke, restaurant, tea shop)	338	6.1	51	11.8	14	4.3			164	27.7	26	6.5	26	4.7					8	1.2	1	0.2	48	5.4
Dependent on others	10	0.2			1	0.9			2	0.3			3	0.6							1	0.4	3	0.3
Other (Specify)	3	0.1			1	0.4									1	0.3							1	0.2

Table A9. In the last 12 months, what was your average monthly income

Denominator (All)	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
Variable - Q212	3745	298	432	370	364	292	483	379	384	298	543	487	371	332	286	245	302	270	347	293	369	281	357	293
Mean ($\bar{x}$), median (M) (MMK)	64	611	375	833	524	131	500	733	671	840	819	379	913	514	824	004	619	547	481	300	780	543	723	196

Table A10. In the last 12 months, what was your average monthly income

Denominator (Those who did sex work)	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
Variable - Q213	3309	293	429	368	356	290	429	333	381	298	477	459	251	195	218	186	291	285	305	284	360	280	289	245
Mean ($\bar{x}$), median (M) (MMK)	85	221	261	994	941	754	249	461	348	482	813	563	581	952	978	574	609	816	971	815	638	770	480	159

Table A11. Current marital status

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheim, n=506		Pyay, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q214	1745	37.3	282	58.8	46	23.1	98	27.4	164	27.4	28	8.9	323	65	148	44.2	143	28	141	39.8	156	37.8	216	30.1
Currently married																								
Ever married, but now divorced, separated, or widowed	2417	50.2	132	31.2	110	59.6	227	63.9	347	51.5	146	44.8	147	28	154	45	320	62.7	231	59.9	184	44.1	419	59.2
Never married	727	12.5	52	10	37	17.2	30	8.7	145	21.1	175	46.1	34	7	48	10.9	43	9.2	1	0.3	81	18	81	10.7
No answer	1	0									1	0.2												

Table A12. Respondents who have children

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheim, n=506		Pyay, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q215, Q216	1566	29.7	118	25.7	69	34	91	25.9	267	39	229	63.5	100	20	90	24.3	162	33	104	28.1	148	33.8	188	25
None																								
1 Child	1344	27.9	112	23.2	53	27.5	108	29.4	189	29.7	62	19	142	28.5	80	21.5	170	32.6	113	31.2	147	36	168	23.9
>1 Child	1980	42.4	236	51.1	71	38.5	156	44.7	200	31.4	59	17.6	262	51.5	180	54.2	174	34.4	156	40.7	126	30.2	360	51.1

Table A13. With whom do you live with currently

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheim, n=506		Pyay, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q217	1395	29.2	253	51.3	27	11.3	70	19.4	138	22	23	8	245	49	100	28.3	123	24.6	116	31.6	131	32.1	169	24
Live with spouse/partner																								
Live with parents/ relatives	1159	25.5	124	26.7	25	14.8	91	26.3	149	26.6	30	8.5	139	30.2	43	13.5	169	33.9	96	27.4	55	14.8	238	33.3

Live with friend(s)	885	15.6	10	2.6	114	60.3	59	15.3	192	25.3	150	36.7	25	4.2	26	6.4	90	18.1	66	14.3	87	20.7	66	8.6
Live alone	281	5.9	9	2.2	13	6.3	42	12.4	55	8.9	12	4	17	2.9	15	4	35	7	16	4.8	11	2.5	56	7.4
Live with children	883	19.2	70	17.2	9	4.5	90	25.5	103	15.6	46	12.3	64	11.6	93	32.8	88	16.2	76	20.8	65	15.6	179	25.7
Live with broker/manager/pimp	287	4.6			5	2.7	3	1	19	1.6	89	30.5	14	2.1	73	15	1	0.2	3	1.2	72	14.3	8	1.1

Table A14. Have you ever used a contraceptive method?

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheingyi, n=506		Pyaw, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q218																								
no	726	16.7	28	6.2	39	19.7	82	25.8	45	8.6	10	3.1	52	11.2	162	46.6	15	2.7	25	8.3	158	35.6	110	14.4
yes	4164	83.3	438	93.8	154	80.3	273	74.2	611	91.4	340	96.9	452	88.8	188	53.4	491	97.3	348	91.7	263	64.4	606	85.6

Table A15. Use of contraceptive methods (multiple responses allowed)

Denominator (respondents who ever used a contraceptives)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheingyi, n=506		Pyaw, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q219																								
Condom	3092	72.5	64	12.2	3	1.9	237	87.8	596	96.7	334	97.7	384	84.1	21	10.8	488	95.5	323	92.6	138	56.1	524	85.9
Pills	1116	28.2	81	19.4	58	35.4	139	50.9	188	28.3	21	5.7	182	40.8	70	37.7	154	34.1	57	15.6	41	16.2	125	21.7
Intrauterine device (IUD)	161	4.1	13	2	5	3	11	4.2	15	3.2	3	1.2	33	7.9	11	5.8	14	2.7	28	8	1	0.6	27	4.2
Injectables	2682	66.3	294	69.1	85	58.5	196	70.3	360	59.1	140	44.9	357	78.7	116	64.3	326	64.9	223	67	172	66.7	413	67.3
Implants	251	5.7	43	7.4	4	2.7	10	3.1	55	9.5			21	4.3	11	4.7	24	4.5	37	8.2	6	2.4	40	7.2
Emergency contraception	140	2.6	3	0.8	1	1.1					58	21	25	4.5			24	4.1	7	1.8	2	0.2	20	2.7
Female Sterilization	73	1.9	3	0.7	3	0.9	3	1.2	9	2.3	2	0.8	12	1.9	3	2.2	1	0.1	7	2	3	1.1	27	4.3
Rhythm method (Calendar Method)	23	0.6			1	0.2	1	0.4			3	0.9	15	4.5	1	0.2	1	0.1	1	0.2				
Withdrawal	30	0.8			1	1.1	1	0.1			4	1	23	5.5									2	0.4
Other (Specify)	5	0.2					3	1.1															1	0.2

Table A16. Current use of contraceptives other than condoms

Denominator (All)	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q220																								
no	1114	26.6	138	40.8	9	6.5	78	29.7	121	17.4	185	47.3	174	38.1	140	75	64	14.3	31	12.3	100	34.9	74	12.1
yes	2979	73.4	297	59.2	142	93.5	192	70.3	481	82.6	153	52.7	266	61.9	45	25	426	85.7	310	87.7	160	65.1	507	87.9

Table A 17. what contraceptive methods currently using

Denominator (respondents currently using contraceptive methods other than condom)	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q221																								
Pills	656	22.5	48	17.2	55	36.6	51	26.7	146	28.1	10	6.4	64	24.2	8	17.3	100	26	51	16.3	32	20.6	91	18.3
Intrauterine device (IUD)	113	3.9	13	3.5	5	3.2	7	3.9	12	3	3	2.3	16	6.6	2	5	10	2.4	25	8.3			20	3.8
Injectables	1891	64.5	195	67.6	81	58.9	126	65.2	277	59.1	81	51.2	161	60.6	30	71.1	271	62.4	196	65.3	125	78.5	348	68.1
Implants	221	6.7	39	10.9	3	2.3	6	3.2	50	10.5			15	4.2	5	6.6	24	5.2	37	9.6	4	2.7	38	8.2
Emergency contraception	111	2.7	3	1.4							57	39.3	4	0.8			22	4.3	5	1.4	2	0.4	18	3
Rhythm method	8	0.3			1	0.2	1	0.6			2	1.3	4	1.9										
Withdrawal	9	0.3									2	1.1	7	3.1										
Other (Specify)	2	0.1					2	1																

Table A18.Reasons for using other contraceptive other than condom (multiple responses allowed)

Denominator (respondents who were currently using contraceptive methods other than condom)	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q222																								
Other method is more reliable than condoms	2252	75.4	149	48.8	145	100	130	66.5	447	89.6	87	55.2	249	88.5	34	70.2	190	46.6	243	81.2	159	97.9	419	79.2
Other method is more convenient than condoms	800	25.3	146	49.5	14	9.8	91	47.5	46	11.2	67	43.9	44	15.8	19	40.5	175	39.9	76	19.2	3	1.7	119	22.8
Other method is cheaper than condoms	199	6.2	46	14			27	13.7			4	2.7	5	2.4	1	2	70	15.5			1	0.5	45	7.5
Other (Specify)	17	0.6					2	1															15	2.5

Table A 19. Do you ever have non-client partners?

Denominator (All)	All sites, n=4890		Bago, n=466		Lashio, n=193		Magway, n=355		Mandalay, n=656		Meiktila, n=350		Monywa, n=504		Pakkoku, n=350		Patheim, n=506		Pyay, n=373		Taunggyi, n=421		Yangon, n=716	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q223																								
No	2342	48.2	219	52.5	163	85.5	143	41.3	248	39.3	263	73.7	254	52.5	89	21.1	77	16.3	119	33.8	357	82	410	59.1
Yes	2548	51.8	247	47.5	30	14.5	212	58.7	408	60.7	87	26.3	250	47.5	261	78.9	429	83.7	254	66.2	64	18	306	40.9

Table A 20. What type of non-client partners ever have?

Denominator (respondents who have non-client partners)	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q224																								
Regular male partner	2143	44.1	236	44.7	26	12.8	125	34.4	403	59.8	68	20.6	233	44.1	253	76.9	310	62.2	122	37.7	63	17.7	304	40.6
Causal male partner	592	11.1	11	2.8	4	1.6	99	27.1	17	3	23	7.1	26	5	13	2.8	213	38.6	146	31.8	1	0.3	39	4.4

B. Sexual History with Regular Partner

Table B1. In the last 12 months, how many regular partners have you had?

Variable - Q301	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
mean ($\bar{x}$), median (M)	2.2	1	2.2	1	1.1	1	2.2	1	1.1	1	2.2	2	2.2	1	1.1	1	2.2	2	2.2	1	1.1	1	2.2	1

Table B2. In the last one month, have you had sex with your regular male partner?

Variable - Q302	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	370	17	10	3	1	3	20	17	121	25	22	30	99	12	70	33	52	18	3	3	15	20	27	8
Yes	1771	83	226	97	25	97	105	83	281	75	46	70	204	88	183	67	258	82	119	97	48	80	276	92
Denominator (Respondents with regular partner)	2141		236		26		125		402		68		303		253		310		122		63		303	

Table B3. In the last one month, with what frequency were condoms used during sex with regular partners?

Variable - Q303	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Always	278	15.7	19	9.4			15	16.2	38	14.7	8	17.9	37	17.7	10	5.3	43	16.5	21	13.2	13	22.6	74	26.4
Most times	146	8.6	12	7.2			11	10.5	16	5.7	7	14	4	1.7	11	7.2	42	16.1	3	1.7	7	18.4	33	11.7
About half the times	59	3.9	1	0.2					1	0.5	6	7.9	6	3.3	18	13.1	11	4.8	1	1.4	1	1.4	14	5.2
Occasionally	223	13	25	13.7	3	11.1	17	16.2	22	8.5	15	35.4	25	11	22	13.7	57	22.4	14	12.1	4	11.9	19	6.8
Never	1065	58.8	169	69.5	22	88.9	62	57.1	204	70.7	10	24.8	132	66.4	122	60.7	105	40.2	80	71.7	23	45.7	136	50
Denominator (Respondents who had sex with partner in last one month)	1771		226		25		105		281		46		204		183		258		119		48		276	

Table B4. In the last week, how many times have you had sex with regular partners?

Variable - Q304	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
mean, median	3.3	2	3.3	2	2.2	2	3.3	3	2.2	2	4.4	4	3.3	3	3.3	2	3.3	3	3.3	2	2.2	2	2.2	2

Table B5. The last time you had sex with a regular partner, did you use a condom?

Variable - Q305	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1598	74.5	209	86.3	26	100	91	71.2	343	82.7	36	56.1	180	78.5	218	86.5	163	52.4	99	85.6	47	81	186	61.2
Yes	537	25.1	27	13.7			34	28.8	60	17.3	32	43.9	53	21.5	35	13.5	147	47.6	23	14.4	16	19	110	35.9
No answer	8	0.4																					8	2.9
Denominator (Respondents with regular partner)	2143		236		26		125		403		68		233		253		310		122		63		304	

Table B6. who decided whether a condom was used?

Variable - Q306	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Self	241	45	5	20.3			26	75.8	19	35.5	13	37.7	27	50.3	14	34.6	73	48	14	59.3	10	73.4	40	36.4
Partner	37	6.8	2	10.1					3	4.1	1	2.5	7	17.2			19	12.7	1	1.9	1	4.6	3	2.7
Joint decision	259	48.2	20	69.6			8	24.2	38	60.4	18	59.8	19	32.5	21	65.4	55	39.3	8	38.8	5	22.1	67	60.9
Denominator (Respondents who use condom during last time sex with regular partner)	537		27		0		34		60		32		53		35		147		23		16		110	

Table B7. Reasons for not using condom at last sex with regular partner (multiple responses allowed)

Variable - Q307	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Not easily available	24	1.7					3	3.6	4	1.4			11	6.2	1	0.4	1	0.1			2	7.2	2	1.2
Expensive																								
Using other contraception	197	13.5	21	10.2	2	8	33	36	38	13.4	13	38.6	20	10.3	24	13.4	2	0.9	3	3.8	13	34.2	28	15
Was under the influence of alcohol/drug	4	0.3									1	1.9			2	1.1							1	0.4
Sex partner doesn't like to use it	591	37.2	80	36.8	6	20.6	28	30.5	76	22.5			43	21.4	115	48.5	66	40.5	61	63.6	3	4.7	113	57.9
I don't like to use it	189	11.3	25	12.7	2	7.3	13	12.1	18	7.6	3	8.6	7	3.1	90	31.1			5	4.4			26	12.2
Both don't like to use it	645	38.8	118	60.2	19	71.6	33	33.4	96	26.4	15	39.6	27	16.7	127	51.8	82	49.2	4	3.1	2	2.9	122	62.4
Don't think it is necessary	518	31.4	122	52.7	23	90.7	15	18.2	135	36.4	1	1.9	59	32.2	60	34.3	16	11.1	3	2.6	24	45.5	60	33.1

Don't think of it/forgot	103	5.1	69	27.4			2	2.4	3	1		13	7.1	4	2.6	2	1.3	4	3	1	1.1	5	3
I know this partner well	10	0.6					5	5.9	1	0.4	2	5.1										2	0.9
Denominator (Respondents who didn't use condom during last time sex with regular partner)	1598		209				91		343		36	180		218		163	99		47			186	

C. Sexual History with Casual Partner

Table C1. In the last 12 months, how many casual partners have you had?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
Variable - Q401	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
	3.3	2	4.4	2	2.2	2	2.2	2	4.4	1	3.3	2	4.4	3	2.2	1	2.2	1	4.4	2	5.5	5	3.3	3
	mean ($\bar{x}$), median (M)																							

Table C2. In the last one month, have many casual partners have you had?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
Variable - Q402	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
	0.8	1	0.7	1	0.5	0.5	0.9	1	0.8	1	0.9	1	0.7	1	0.6	1	0.8	1	0.9	1	1	1	0.8	1
	mean ($\bar{x}$), median (M)																							

Table C3. In the last one month, with what frequency were condoms used during sex with casual partners?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q403																								
Always	281	55.1	3	34.8			41	43.4	3	11.9	5	26.6	11	64.5	4	37.5	126	74.1	68	46.6			20	71.2
Most times	74	13.6	1	20.1			15	15	3	25.6	2	9.3	1	6.4	1	10.4	15	8.9	34	21.2			1	2.6
About half the times	21	3.6					1	1.2			2	10.4	1	6.4			6	4	8	4.5			3	7.3
Occasionally	63	14.3	4	45.2			17	22.8	3	24.2	7	35.5	2	9.7	1	20.8	6	4.1	20	16.1			3	11.8
Never	60	13.4					16	17.7	5	38.4	4	18.3	2	12.9	2	31.3	14	8.9	12	11.6	1	100	3	7.1
Denominator (Respondent Who had sex with casual partner in the last one month)	499		8				90		14		20		17		8		167		142		1		30	

Table C4. In the last week, how many times have you had sex with casual partners?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
Variable - Q404	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
	mean ($\bar{x}$), median (M)																							
	3.3	2	2.2	2	3.3	3	4.4	3	2.2	1	2.2	1	4.4	3	2.2	2	3.3	2	3.3	3	1.1	1	2.2	2

Table C5. The last time you had sex with a casual partner, did you use a condom?

Variable - Q405	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	174	30.9	4	37.5	4	100	34	37.8	10	62.5	12	57.8	6	25.7	4	28.4	36	18.3	55	41.2	1	100	8	15.7
Yes	417	68.9	7	62.5			64	61.1	7	37.5	11	42.2	20	74.3	9	71.6	177	81.7	91	58.8			31	84.3
No answer	1	0.2					1	1.1																
Denominator (Respondent Who had sex with casual partner in the last week)	592		11		4		99		17		23		26		13		213		146		1		39	

Table C6. who decided whether a condom was used?

Variable - Q406	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Self	312	75.6	4	55.2			39	58.1	6	80.3	6	68.6	16	78.4	8	93.9	156	88.8	55	65.4			22	66.9
Partner	13	3.6					7	11.9			1	3.7	1	6					3	4.3			1	2.4
Joint decision	93	20.8	3	44.8			19	30	1	19.7	4	27.7	3	15.6	1	6.1	21	11.2	33	30.3			8	30.7
Denominator (Respondent Who use condom during sex with casual partner in the last week)	418		7		0		65		7		11		20		9		177		91		0		31	

Table C7. If a condom was not used at last vaginal sex with a casual partner, why not? (Multiple Responses Allowed)

Variable - Q407	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Not easily available	17	9.7			1	21.4	3	7.9			1	4.5	1	17.4			5	14.7	5	10.9			1	3.6
Expensive																								
Using other contraception	13	8.6					3	13.8			3	19.5					7	19.6						
Was under the influence of alcohol/drug	4	2.5							1	11.8							2	5.9					1	16.3
Sex partner doesn't like to use it	44	28.4	1	10.8	1	21.4	19	53	4	44.2	1	9	1	13	1	13.5	12	32.5	1	3.9	1	100	2	38
I don't like to use it	20	12.6					5	15.3	1	7.1	3	24	1	17.4	2	81.3	4	10.5	3	6.8			1	21.7
Both don't like to use it	85	48.3	3	89.2	2	57.1	22	65.7	3	25.1	4	39.5	2	34.8	3	86.5	9	26.1	34	54			3	27.4
Don't think it is necessary	30	15.8	1	10.8	3	78.6	6	12.9	3	33.9	1	6					7	20	7	13			2	10.6
Don't think of it/forgot	14	9					2	6.9				1	17.4				3	9.3	8	16.1				
I know this partner well	23	13					5	13.8	2	18.9	3	25.1	1	17.4	3	94.8	7	17.9	1	2.6			1	1.3
Other (Specify)	1	0.7																					1	21.7
Denominator (Respondent Who didn't use condom during sex with casual partner in the last week)	174		4		4		34		10		12		6		4		36		55		1		8	

D. General Sex Work History

Table D1. Age of first time had sex

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q501	n	%	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄
mean (̄), median (M)	19.8	18	20.9	19	22	20	18.7	17	18.7	17	22	20	18.7	18	22	19	19.8	18	19.8	18	20.9	19	20.9	18
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D2. Age of first time had sex for money or gifts?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q502	n	%	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄
mean (̄), median (M)	23.1	22	23.1	22	25.3	24	24.2	21	23.1	22	22	20	23.1	21	25.3	24	23.1	21	23.1	22	20.9	19	25.3	24
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D3. Main reason started selling sex for money?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q503	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Money for self or family	3995	82.6	367	80.7	184	96.1	274	77.4	523	76.7	227	68.3	412	82.6	320	89.9	421	83	337	90.2	335	78.7	595	84.4
Was forced/pressured/coerced	53	1.2					17	4.4	2	0.4			3	0.3	2	0.6	5	0.9	3	0.7	8	2.6	13	1.6
Like to/Pleasure/Self-esteem	84	1	3	0.7					5	0.8	59	14.7	10	1.7	1	0.3	1	0.4	3	0.7			2	0.3
Friends/Family doing it	296	5.8	3	0.6	2	1.2	10	3.1	93	16.9	34	7.8	29	5.7	15	3.4	29	5.6	6	1.7	46	9.7	29	4.2
Marital issues	454	9.2	93	17.9	6	2.4	54	15.1	33	5.1	30	9.2	50	9.7	12	5.8	50	10.2	24	6.7	27	7.9	75	9.2
Other	6	0.2																			4	1.1	2	0.3
No Answer	2	0			1	0.4															1	0.1		
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D4. How many weeks in a month exchanged sex for money or gifts in past 12 months?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q504	n	%	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄	M	̄
mean (̄), median (M)	3.3	3	3.3	3	3.3	3	3.3	3	3.3	3	3.3	3	2.2	2	3.3	2	3.3	3	3.3	3	3.3	2	3.3	3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D5. How many days in a week exchanged sex for money or gifts in past 12 months?

Variable - Q505	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
mean ($\bar{x}$), median (M)	4.9	4.4	6.3	6.3	5.1	4.6	5.3	6.1	5.4	4.9	5.6	5.3	4.8	4.2	4.2	3.3	5.3	4.7	4.8	4.4	4	3.5	4	3.3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	
mean, median	3.3	2	4.4	3	2.2	1	2.2	2	2.2	1	3.3	2	4.4	3	2.2	1	3.3	2	3.3	2	1.1	1	2.2	1

Table D6. Exchanged sex in other town in past 12 months?

Variable - Q506	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
No	3566	73.1	241	58.5	140	69.7	151	42.7	545	80.7	328	94.5	407	83	328	92.8	281	58.6	253	69.7	346	79.8	546	77.6
Yes	1324	26.9	225	41.5	53	30.3	204	57.3	111	19.3	22	5.5	97	17	22	7.2	225	41.4	120	30.3	75	20.2	170	22.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D7. Where meet/solicit clients last 12 months? (Multiple Responses Allowed)

Variable - Q508	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Brothel	1169	21.9	99	20.4	32	22	143	39.9	77	9.9	189	51.7	153	28.3	141	32.1	64	11.7	57	16.6	113	23.8	101	13.7
Street/Park/Railway station	1662	36.9	131	31.4	12	4.8	185	53.1	272	42.8	46	14.6	134	27.9	148	48.7	188	38.3	134	41.1	34	8.2	378	53.6
Massage parlor	510	9.2	105	20.8	93	44.4	3	0.9	38	5.9	40	13	5	1.7	2	0.4	129	26	63	10.8	4	0.8	28	3.7
Day/Nightclub	63	1.1					2	0.5	23	2.5	12	4.3			2	0.5	12	2.6					12	2.1
Restaurant/Tea shop	394	8.5			1	0.1	47	13	9	1.4	30	9.4	71	14.6	31	10.4	57	10.2	7	2.1	21	4.5	120	16.5
Karaoke	754	13.6	95	19	28	10.5	24	5.7	207	31.8	70	21.1	55	10	7	1.7	98	18.3	27	5.3	64	15.6	79	9.9
Hotel/Guesthouse	369	6.7	2	0.4	7	3.4	19	5.6	4	1.1	91	27.6	12	2.6	161	38	48	8.6	7	1.8	12	2.2	6	0.7
Your house/Flat	64	1.4			3	1.5	13	3.8	1	0.7	12	3.5	11	2.4	5	1.4	7	1.2	1	0.3	2	0.3	9	1.3
Client's house/Flat	89	1.9					1	0.3					7	1.5	74	18.4	1	0.1	3	0.6	2	0.3	1	0
Call girl/Mobile phone	1750	38.2	36	8.7	48	27.4	249	67.6	136	22.6	145	40.1	211	42.4	109	38.2	178	34.3	95	26	196	49.9	347	49.2
Internet including social media and mobile apps	86	1.8			3	1.2	5	1.2	5	1	3	0.9	34	6	15	3.9	1	0.2	1	0.2	2	0.5	17	2.4
Other	36	0.8					9	2.6					6	1.1	3	0.7			2	0.4			16	1.9
No answer	3	0.1			1	0.2									1	0.3							1	0.2
Denominator - All																								

Table D8. Where solicit clients most often

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q509																								
Brothel	1007	18.6	99	20.4	31	21.6	88	25.6	76	9.7	173	48.3	146	27.2	109	24	51	9.8	54	16.1	111	23.4	69	8.8
Street/Park/Railway station	1289	28.1	131	31.4	12	4.8	126	35.9	263	41.4	21	7.7	93	19.2	44	16.5	135	27.3	131	40.1	31	7.6	302	42.5
Massage parlor	460	8.5	105	20.8	90	43.4			38	5.9	19	6.9	4	1.3			120	24.6	61	10.5	4	0.8	19	2.4
Day/Nightclub	42	0.8					1	0.2	23	2.5	1	0.7					7	1.5					10	1.8
Restaurant/Tea shop	174	3.9			1	0.1	24	6.5	5	0.7	4	1.2	37	8.3	2	0.9	28	5.2	5	1.6	17	3.5	51	7.1
Karaoke	663	12.1	95	19	15	4.7	13	3.4	201	30.7	38	11.5	54	9.9	3	0.8	85	16.3	26	5.2	63	15.3	70	8.3
Hotel/Guesthouse	169	3.2	2	0.4	4	1.7	1	0.3	3	1	12	2.2	8	1.4	97	22.7	29	5.2	6	1.5	5	0.6	2	0.2
Your house/Flat	29	0.6			2	1.2	3	1			4	1	8	1.7	3	1	3	0.6	1	0.3	1	0.2	4	0.6
Client's house/Flat	32	0.7											5	0.9	24	6.2			2	0.5	1	0.2		
Call girl/Mobile phone	987	22.8	34	8	36	21.7	98	26.9	45	7.8	73	19.4	133	26.8	68	27.9	48	9.6	87	24.3	187	48.2	178	27
Internet including social media and mobile apps	22	0.5			1	0.6			2	0.3	3	0.7	10	2							1	0.3	5	0.8
Other	14	0.2					1	0.3			2	0.3	6	1.1									5	0.5
No answer	2	0			1	0.2																	1	0.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D9. Where had sex with clients most often?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q510																								
Brothel	815	14.1	86	17.7	18	13.9	47	13.7	73	9.1	170	47.3	123	20.8	112	25	32	6.2	18	5.1	109	22.4	27	3
Massage parlor	376	7	92	17.6	81	39.2			13	2.4	15	4.7	1	0.1	1	0.4	133	26.7	23	3.3	4	0.8	13	1.6
Day/Nightclub	11	0.2	1	0.3			1	0.2	4	0.5							1	0.1	1	0.1			3	0.4
Hotel/Guesthouse	3332	70	284	63.4	83	43.7	257	71	552	84.9	143	41.4	298	60.5	194	58.6	334	65.6	308	85.2	247	60.6	632	89.1
Your house/Flat	108	2.2	1	0.4	2	0.8	5	1.3	7	1.8	14	4.1	14	2.6	2	0.3	4	0.6	13	3.1	34	8.8	12	1.6
Client's house/Flat	130	3.7			2	0.6	16	4.7	5	1.1			37	9.3	41	15.6	2	0.7	7	2.3	9	2.9	11	1.4
Other	107	2.6					29	9.1	2	0.3	8	2.4	31	6.6					3	0.9	17	4.3	17	2.7
No answer	11	0.2	2	0.6	7	1.9															1	0.3	1	0.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D10. Last month, how many men paid you for sex?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q511	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
mean ($\bar{x}$), median (M)	264	14	902	50	198	7	28.6	18	23.1	10	22	15	14.3	7	24.2	11	24.2	19	28.6	20	13.2	6	14.3	9
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D11. last month, how often used a condom when had exchange sex?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q512	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Always (every time)	3405	70	343	69.3	132	69.8	233	64.9	433	70.5	162	38.1	425	84.4	254	65.5	356	70.2	238	63.5	376	87.6	453	64.6
Most times	886	17	62	15.1	28	14.7	68	19.3	147	18.3	131	43.6	34	6	42	14	123	24.4	106	29.2	22	5.7	123	16.5
About half the times	206	4.4	1	0.3	3	1.5	2	0.2	22	2	16	4.3	18	3.3	34	13.1	9	1.7	11	2.8	2	1	88	11.7
Occasionally	250	5.3	51	12.9	4	2.6	41	12.3	28	4.6	38	12.6	10	2.3	15	5.8	13	2.6	16	3.8	16	4.5	18	2.3
Never	130	3	7	1.9	18	8.8	11	3.3	25	4.6	3	1.5	17	4	5	1.7	5	1.1	2	0.7	4	0.9	33	4.7
No answer	12	0.2	2	0.5	8	2.6															1	0.3	1	0.2
Denominator - Those who had exchange sex last month	4889		466		193		355		655		350		504		350		506		373		421		716	

Table D12. Last week, how many times had sex for money or gifts?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
Variable - Q513	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
mean ($\bar{x}$), median (M)	9.9	6	22	13	9.9	7	11	8	8.8	6	11	9	8.8	5	7.7	4	14.3	11	11	9	4.4	3	6.6	4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D13. Used a condom at last sex with a client

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q515																								
No	476	9.8	36	9.4	24	13.8	37	11.2	93	12.2	56	18.8	31	6.7	21	7.9	23	4.5	37	11	24	5.7	94	12.9
Yes	4395	89.9	427	89.9	158	82.3	318	88.8	563	87.8	294	81.2	473	93.3	329	92.1	483	95.5	335	88.7	397	94.3	618	86.6
No answer	19	0.3	3	0.7	11	4													1	0.3			4	0.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D14. Who decided whether a condom was used?

Variable - Q516	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Self	3197	73.2	409	94.4	134	83.7	273	84.5	259	51.5	143	47.5	364	76.1	270	75.1	446	91.9	278	84.9	183	45.1	438	69.5
Partner	303	6.6	1	0.5	2	0.9	15	5.3	17	3.2	67	25.8	32	7.5	18	5	9	1.8	34	8.5	50	12	58	10
Joint decision	896	19.9	17	4.4	23	11.8	30	10.2	287	45.3	84	26.7	77	16.5	41	19.9	28	6.2	23	6.1	164	42.9	122	19.8
Don't know/ remember	3	0.1																	1	0.6			2	0.3
Denominator - Those who had used condom at last sex with a client	4399		427		159		318		563		294		473		329		483		336		397		620	

Table D15. Reasons for not using condom at last sex

Variable - Q517	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Using other contraception	53	9.9			2	5.3	5	13	2	3.6	24	43	4	14.3	2	16.4	6	27.5			6	21.5	2	2.2
Under influence of drugs or alcohol	7	1.2							2	2.2	3	6.5							1	3			1	1.1
Client doesn't like to use it	202	38.7	8	26.6	4	10.6	18	47.1	67	66.9	12	20.9	11	27.6	8	33.7	15	63.9	8	22	1	3.4	50	51.4
I don't like to use it	50	11.5	4	11	5	15.3	3	7.8	9	14	2	2.9	5	22.8	4	13.8			1	1.8	1	3.4	16	16.4
Both don't like it	77	16.4	15	34.4	6	14.4	2	5.2	6	9.3	8	13.5	6	26.2	4	9.9	4	18.1	8	17.6	3	25.1	15	16.3
Don't think it is necessary	59	13.5	10	24	12	45.2	2	5.2	7	10.9	3	3.8	1	2	7	33.8	3	17.2			2	4.2	12	10.8
Didn't think of it/For got	44	8.9	3	8.1			4	11.1	11	13.6	1	1.5	4	11.2	3	10.7	2	10.6	7	13.3	3	10.8	6	6.8
I know this client well	48	9.4	2	5.1	2	3.2			4	6.8	11	20.2	5	21.3	6	24.3	2	10.6	2	4.5	3	8.5	11	8.9
Client is paying more without	44	11.1					2	4.2	3	5.5	1	2.9	4	10.8	6	40	3	11.6	13	40.2	7	24.8	5	4.9
Other (Specify)	9	2.2					1	2.6	1	1.8											1	2.7	6	7
No answer	1	0.2	1	2.9																				
Denominator - Those who didn't use condom at last sex with a client	476		36		24		37		93		56		31		21		23		37		24		94	

Table D16. last 6 months, how often was able to negotiate condom use when the client did not want to use it?

Variable - Q518	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	1145	21.6	190	34.5	42	22.9	47	14.1	185	32	146	33.8	108	23.3	40	10.6	36	5.9	17	5.4	211	47	123	16.1
Rarely	1997	40.9	127	25.3	120	62.6	78	22.2	256	39.9	180	57.8	146	30.3	167	42.6	218	47.1	227	57.3	136	33.8	342	49

Sometimes	506	10.9			3	1.2	50	14.1	30	3.6	8	2.6	51	9	60	23.2	93	17.6	52	11.9	21	3.6	138	18.7
Frequently	1202	25.7	145	39.2	15	8.5	180	49.5	185	24.5	16	5.8	186	34	82	23.4	159	29.4	77	25.4	52	15.5	105	15
Don't know	6	0.1			1	0.9									1	0.1						4	0.5	
No Answer	34	0.8	4	1	12	3.9							13	3.4						1	0.2	4	0.7	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D17. What do clients do to avoid using a condom? (Multiple Responses Allowed)

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
Variable - Q519	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
They simply refuse	2786	57.1	257	51.9	79	37.7	264	72.9	522	74.5	116	39.5	433	83.6	142	45.8	122	21.2	111	29.1	295	70.4	445	63.5
Offer more money	2785	58	200	46.4	125	68.4	207	57.6	194	34.6	250	65.1	146	29	334	93.8	471	93.3	288	77.3	212	51.7	358	49.7
Threaten me	115	2.3	2	0.2			6	1.7	4	0.8	9	3.3	5	0.9	3	0.5	48	8.3	4	1.7	2	0.5	32	4.3
Beat me if I refuse	86	1.6	3	0.6	2	1.5	1	0.3	1	0.1	7	2.4	5	1.7	1	0.3	5	0.8	3	0.7			58	6.2
Other	117	3					31	9.8	2	0.3			14	3							4	1.1	66	9.8
Don't know	36	1			1	0.9	3	0.9					1	0.2							1	0.3	30	4.9
No answer	27	0.5	4	1	12	4.6	1	0.2					3	0.7							1	0.2	6	0.8
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D18. What do you do to make clients use condoms? (Multiple Responses Allowed)

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q520																								
Nothing	120	2.9			2	0.5	24	8.3	8	1.5	4	0.9	17	4.2					1	0.2	5	1.1	59	8.5
Talk to him	3595	73.9	107	26.7	160	85.7	259	71.1	576	85	239	65.2	445	85.4	258	69.4	292	58.2	334	91.2	378	90.6	547	77.7
Refuse to have sex unless he uses a condom	1607	31.7	202	39.4	45	19.5	194	54.3	91	15.1	186	52.4	261	47.9	113	35	203	37.8	14	3	125	31.7	173	22.4
Ask for more money	925	18.5	168	35.6	13	6.8	43	11.9	26	4.8	102	30.1	39	8	216	57.7	124	23.4	32	7.5	12	3	150	20.9
Other	65	1.6					4	1					3	0.7									58	8.6
Don't know	6	0.1			1	0.9	1	0.2													1	0.3	3	0.3
No answer	22	0.4	4	1	14	5.5																4	0.6	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D19. Are there reasons why you not insist on using condom with client?

Variable - Q521	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
I always use a condom	101	1.8					5	1.5	2	0.3	46	10.1	4	1.1							2	0.4	42	7
I can get more money	84	1.3			1	0.4	6	3	2	0.2	50	11.6	4	0.8					1	0.2	1	0.3	19	2.6
Sex doesn't take as long without a condom	17	0.4			1	0.1	2	1.3	2	0.7	7	2.4	1	0.2									4	0.6
I don't insist when I am afraid	12	0.2									1	0.6	1	0.1									10	1.2
Ask for more money	44	1					8	2.4	2	0.3			7	1.9					1	0.2			26	3.4
Other	8	0.2					3	0.9			1	0.2									1	0.2	3	0.6
Don't know	1	0																					1	0
No answer	4623		466		191		331		648		245		487		350		506		371		417		611	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D20. what is the approximate amount you earn per sex act?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
Variable - Q522																								
mean ($\bar{x}$), median (M)	1419	9703	1150	9686	1499	9458	1815	1423	1364	9461	1591	1255	4155	8837	4	8146	1277	1402	7525	2841	2554	1829	1384	
	8.8		2.7		8.5		8.8	2	8.8		9.2	9	.8	2669	.4		6.5	2	.1	96	7	6.3	9	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D21. In general, who decides how much are paid for sex for money/gifts?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q523																								
Broker/manager/pimp decides	1316	24.8	80	17.3	59	33.9	104	29.8	97	13	174	48.3	140	26.1	111	24.4	182	35.9	102	23.1	157	34.2	110	14.6
I decide	2733	56.5	382	81.5	110	55.7	227	62.5	402	65.7	123	34.1	178	35.7	171	48.7	291	56.9	199	54.1	191	46.4	459	63.7
Client decides	828	18.5	3	1	16	7.4	22	7	157	21.3	53	17.6	185	38	68	26.9	33	7.2	72	22.7	73	19.4	146	21.5
Other	3	0.1					2	0.6					1	0.2										
Don't know/ remember	1	0																					1	0.2
No answer	9	0.1	1	0.2	8	3																		
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D22. Ever encountered client who refuses to pay you?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q524																								
No	3885	80.2	303	61.2	164	87.4	285	81.8	579	86.5	277	78.4	424	85.9	334	95.6	356	72.4	232	65.3	380	90.6	551	76.6
Yes	995	19.7	162	38.6	21	9.6	70	18.2	77	13.5	73	21.6	80	14.1	16	4.4	150	27.6	141	34.7	41	9.4	164	23.3
No answer	10	0.1	1	0.2	8	3																1	0	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D23. Last 12 months, how many times it occurred to you?

Variable - Q525	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Always (every time)	26	2.3							1	1	2	3.1					10	5.6	7	5.9	4	8.1	2	1
Most times	133	12.4	35	21.8	2	5.2	7	9.5	10	14.4	5	4.2	11	12.3			29	17.9	24	16.8	4	9.1	6	2.7
About half the times	62	5.7	9	4.6	1	1.4	2	3.2	1	0.6	2	3.1	14	18.1			9	5.4	14	9.1	2	4.4	8	4.6
Occasionally	768	78.1	118	73.2	18	69.7	61	87.3	65	84	63	88.5	53	67.1	16	100	101	70.3	95	67.7	31	78.4	147	90.1
Never	6	0.8									1	1.1	2	2.5			1	0.9	1	0.6			1	1.6
Denominator – Respondents who encountered client who refuses to pay	995		162		21		70		77		73		80		16		150		141		41		164	

Table D24. Have you ever had anal sex in exchange for money or gifts?

Variable - Q526	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4362	91.2	462	99.2	189	98	348	98	561	87.5	234	63	492	97.6	333	96.2	453	90.6	260	74.8	415	98.7	615	86.9
Yes	521	8.6	4	0.8			7	2	94	12.4	116	37	12	2.4	17	3.8	53	9.4	112	25	5	1.1	101	13.1
No answer	7	0.1			4	2			1	0.1									1	0.2	1	0.3		
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table D25. In the last one month, have you had anal sex in exchange for money or gifts?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q527																								
No	194	37.3	3	64.3			3	47.4	41	42.1	44	40.2	3	32.3	15	94.4	23	45.4	11	10.8	5	80.6	45	47.2
yes	327	62.7	1	35.7			4	52.6	54	57.9	71	59.8	9	67.7	2	5.6	30	54.6	101	88.5			56	52.8
Denominator – Respondents who had anal sex in last one month	521		4		0		7		95		115		12		17		53		112		5		101	

Table D26. In the last one month, with how many men did you have anal sex in exchange for money or gifts?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - q528																								
mean (X), median (M)	3.6	2	4	4	1	1	2.5	2	3.8	3	3.6	2	3.9	2	4	4	2.2	2	3.6	3			2.5	2

Table D27. The last time you had anal sex in exchange for money or gifts, was a condom used?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q529																								
no	143	28.3	2	57.1			1	14.6	28	29	39	38.1	1	4	9	49.3	11	17.7	24	29	2	48.5	26	26.5
yes	378	70.6	2	42.9			6	85.4	67	71	76	61.5	11	96	8	50.7	42	82.3	88	71	3	51.5	75	73.5
Denominator – Respondents who had anal sex	521		4		0		7		95		115		12		17		53		112		5		101	

Table D28. Who decided that a condom be used at that time?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q530																								
Self	233	63.8	2	100			6	100	27	46.5	35	43	10	94.2	6	74	35	82.4	63	73.5	3	88.7	46	59.8
Client	70	16.7							10	17.8	27	40.1					2	6.2	18	17.4			13	17.1
Joint decision	75	18.1							30	35.7	14	16.2	1	5.8	2	26	5	11.4	7	9.1	1	11.3	16	23.1
Denominator - Respondents who had anal sex & used condom at last time anal sex	378		2		0		6		67		76		11		8		42		88		4		75	

Table D29. If a condom was not used the last time you had anal sex with a client, what were the reasons for not using a condom? (Multiple Response Allowed)

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q531	12	7.1							5	20.1					2	21.8	2	4.6	1	2.8			2	6.9
Not easily available																								
Expensive																								
Under influence of drugs or alcohol																								
Client doesn't like to use it	76	49.4					1	100	18	52.6	22	60.1	1	100	5	61.5	6	50.5	5	25.6			18	69.6
I don't like to use it	8	5.4									4	10			1	15.3	1	14.3					2	6.9
Both don't like it	18	11.3									7	15.5			2	17.5	1	8.6	6	22.3			2	9.1
Don't think it is necessary	11	6.8	2	100							3	5.2							3	12.1			3	7.8
Didn't think of it/Forgot	11	7.7							4	21.2	1	3.1			2	21.8			3	8.2			1	2.6
I know this client well	10	6.7									3	6.1			6	76.8	1	10.8						
Client pays more without	24	19.1							1	1.2	2	3.7	1	100	2	30.6	4	33	9	38.3	2	100	3	14
Other (Specify)	3	2.1							1	6.1	1	2.2											1	3.2
No answer	1	0.4													1	5.7								
Denominator - Respondents who had anal sex & didn't use condom at last time anal sex	143		2		0		1		28		39		1		9		11		24		2		26	

Table D30. The last time you had anal sex with a paying client, did you use lubricant?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q532	134	28.5	1	35.7			3	43.8	43	46.6	16	14	7	61.2	7	37.3	14	29.2	15	17.5	4	82.5	24	24.8
No																								
Yes	390	70.6	3	64.3			4	56.2	52	53.4	100	86	5	38.8	10	62.7	39	70.8	98	82.5	2	17.5	77	75.2
No answer	4	1																						
Denominator - respondents who had last time anal sex with a paying client	528		4		0		7		95		116		12		17		53		113		6		101	

E. Condoms and Lubricants

Table E1. Do you know of any place or person from which you can obtain condoms?

Variable - Q601	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	476	11.7	10	2.5	62	35	25	8.1	27	4.2	1	0.1	48	11.3	70	25.1	25	4.8			61	14	147	21.4
Yes	4414	88.3	456	97.5	131	65	330	91.9	629	95.8	349	99.9	456	88.7	280	74.9	481	95.2	373	100	360	86	569	78.6
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E2. All places or person you know where you can get condoms?

Variable - Q602	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Pharmacy	1674	39.2	5	1.4	19	14.6	186	55.9	362	56.3	83	29.4	265	57.7	248	90.5	41	8.9	171	41.8	136	41.2	158	27
Store/ Shop	580	13.4	1	0.2	10	7	18	5.2	44	6.2	28	9.1	161	35	98	28.8	32	6.5	69	14.4	80	27.1	39	6.9
Broker/manager/pimp	917	18.5	30	8.5	7	6.3	97	29.7	56	6.9	200	56.5	114	23.5	104	31.7	178	37.7	58	13	39	7.8	34	5.4
Drop-In Center	1037	21.2	275	50.5	116	87.4	10	2.4	90	15.9	7	2.5	123	24.5	5	3.1	108	20.8	190	42.3	20	4.9	93	14.9
Betel shop	493	11.3			17	11.8	20	5.2	23	4.2	19	6.1	57	11.6	22	9.2	41	9.2	123	29.8	1	0.3	170	28.6
Hospital/ clinic/STD team	1340	30.2	202	37.3	5	2.6	119	34.6	213	37.6	75	22.4	132	29	78	25	300	64.3	16	3.8	33	8.4	167	31
Karaoke/Restaurant	390	7.3	12	3.3	3	2	37	10.7	52	9.1	169	56.3	12	2.2	7	3.5	21	4.6	28	5.1	38	11.1	11	1.2
Inn/ Hotel/ Motel/Guesthouse	904	20.1	68	13.3	18	12	124	36.7	97	16.3	170	57	55	11.4	52	24.9	84	17.6	33	8.9	11	3.1	192	32.9
Outreach worker/ Healtheducator/ Basic Health Staff	2556	56.8	259	55.3	12	8.3	207	62.1	336	51.1	160	45.2	299	61.5	163	49	293	60.1	297	84.5	148	36.7	382	67.5
Peer/ Friend	983	22.7	16	4.9	2	1.3	79	22.2	34	5.8	90	24.4	133	27.3	127	38.8	287	61.2	14	3.9	14	4.2	187	33.6
Other (Specify)	10	0.2					10	2.6																
No answer	2	0			2	0.8																		
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E3. last 12 months, how to get condoms most of time

Variable - Q603	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never get condom in the last 12 months	106	2.5	6	1.6	4	3.6	3	0.9	8	1.5	1	0.1	12	3.1	8	2.5	18	3.7	4	1	21	4.8	21	3.1
Client provides/brings condoms	737	18	2	0.4	15	8.7	39	11.7	88	14.5	10	2.6	83	17.7	131	47.2	16	2.8	19	5.2	160	41.6	174	24.3

I get them for free from NGO	2575	51	388	79.2	93	48.4	188	51.7	381	59.1	144	39.8	210	40.8	108	25.4	311	61.4	250	73.9	119	24.2	383	52.9
I get them for free from my pimp/manager	1010	18.8	58	15.5	69	34.6	85	24.3	84	11.9	151	43.2	119	22	42	9.3	138	27.6	98	19.5	72	15	94	12.9
I buy them myself	438	9.2	8	2.3	3	1.8	36	10.1	95	13.1	44	14.4	79	16.4	61	15.6	23	4.5	2	0.4	47	13.8	40	6.4
No answer	24	0.4	4	0.9	9	2.9	4	1.3					1	0.1						2	0.6	4	0.4	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E4. last 12 months, how often you get a condom every time you need/want one?

Variable - Q604	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Always	4082	81.8	400	83.2	158	82.1	321	89.4	589	88.7	298	83.1	436	84.5	229	62.6	450	89.3	347	93	353	83	501	70.1
Most times	453	10.1	47	11.9	11	5.1	13	3.7	43	6.1	32	9.6	28	6.3	111	34.5	19	3.5	17	4.7	45	11.2	87	12.1
About half the times	67	1.5			1	0.2	1	0.3			1	0.7	12	2.9	3	0.7	5	0.9	3	0.5	4	1.2	37	5.2
Occasionally	131	3	10	2.6	8	5.6	9	3.2	16	3.7	18	5.8	16	3.4	3	1	17	3.1	6	1.8	13	3.2	15	2.3
Never	137	3.2	5	1.4	5	3.7	9	2.8	8	1.5	1	0.7	12	2.9	4	1.2	15	3.2			5	1.1	73	9.9
No answer	20	0.4	4	0.9	10	3.3	2	0.6													1	0.4	3	0.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E5. If you could not always get condoms whenever you want one, what are the reasons that you don't get? (Multiple Responses)

Variable - Q605	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Cost too much	19	1.9			2	7.4			1	1.9	4	8.4	1	0.5			2	2.5	1	1	6	9.1	2	0.3
Clinic/DIC/outreach worker do not provide them	69	7.1	2	3.5	3	6.9	1	2.7			9	12.1	13	16.2			7	12.9	1	4.9	15	18.7	18	6.9
Embarrassed to get condoms	235	30.4	47	67	10	34.7	14	39.9	8	7.4	6	8.3	17	25.1	41	41.1	8	18.1	14	40.9	22	31.4	48	22.2
Do not know where to get condoms	230	29.3	4	6.3	10	32.5	14	45.4	14	19.3	2	3.7	16	25.3	18	13.7	32	49.5	2	7.8	13	21.3	105	50
Condoms not easily available	348	43.5	10	19	11	26.8	1	1	46	74.4	31	66.4	32	45.1	83	67.4	27	52.8	8	45.4	7	10.2	92	42.8
Other	34	4.7					5	12					1	4.4									28	13.6
No answer	21	2.3	3	4.1	8	11.5					1	2.2									5	9.3	4	2.3
Denominator - Those who couldn't get condoms always	808		66		35		34		67		52		68		121		56		26		68		215	

Table E6. In the past 3 months, have you been given condoms for free?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q606																								
No	1536	35.6	33	7.2	77	42.6	109	32	282	44.1	4	1.2	180	37.7	190	62.4	137	28.3	9	4.1	212	55.7	303	42.4
Yes	3350	64.4	432	92.6	114	56.8	246	68	374	55.9	346	98.8	324	62.3	160	37.6	369	71.7	364	95.9	208	44	413	57.6
No answer	4	0.1	1	0.2	2	0.6														1	0.3			
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E7. Do you use free condoms?

Variable - Q607	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	100	3.3	25	6.5	7	4.1	1	0.4	20	6.5	8	3.1	17	6			1	0.3	2	0.9	6	2.7	13	3.8
Yes	3250	96.6	407	93.3	108	95.3	245	99.6	354	93.5	338	96.9	307	94	159	99.2	368	99.7	361	98.9	203	97.3	400	96.2
Denominator - Those who got condoms for free in the past 3 months	3350		432		115		246		374		346		324		159		369		363		209		413	

Table E8. Do you prefer free condoms or branded condoms that you pay for?

Variable - Q608	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Free	1941	59.9	345	74.8	87	72.9	131	54.4	167	51.7	98	26.6	205	63.1	34	22.5	267	72.5	229	61.5	100	51.3	278	67.8
Branded	286	8.7	18	4.6	13	11.8	5	2.2	49	14.8	38	11.9	40	12.5	22	13.8	3	0.5	68	19.4	6	4.1	24	5.9
No preference	1093	30.3	63	18.6	11	12.6	108	42.9	156	32.7	209	61.1	75	23.2	104	63.6	99	27	67	19.1	101	43.7	100	23.2
Don't know	30	1.1	7	1.9			2	0.6	2	0.8	1	0.4	4	1.2							2	0.9	11	3.1
Denominator - Those who got condoms for free in the past 3 months	3350		432		115		246		374		346		324		159		369		363		209		413	

Table E9. Have you ever heard of a female condom?

Variable - Q609	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1011	24.2	25	5.7	60	37.2	113	33.9	127	20.7	6	1.7	154	32.7	132	45.2	35	6.5	16	4.5	201	51.7	142	19.5
Yes	3877	75.8	441	94.3	133	62.8	242	66.1	529	79.3	342	97.5	350	67.3	218	54.8	471	93.5	357	95.5	220	48.3	574	80.5
No answer	2	0									2	0.7												
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E10. Have you ever used a female condom?

Variable - Q610	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3007	78.4	336	76.7	121	92.4	206	85.1	446	84.2	273	80	296	86.7	207	94.9	365	80	202	57.4	186	87.5	369	65.6
Yes	870	21.6	105	23.3	11	7	36	14.9	83	15.8	70	19.6	54	13.3	11	5.1	106	20	155	42.6	34	12.5	205	34.4
Denominator - Those who ever heard of female condom	3877		441		132		242		529		343		350		218		471		357		220		574	

Table E11. last 6 months, out of 10 times, how many times used female condoms?

Variable - Q611	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
mean ($\bar{x}$), median (M)	3.2	2	2.8	3	2.4	1	4.4	3	2.1	1	2.1	1	3	2	2.1	3	3	2	4	3	2.5	2	3.2	3

Table E12. Do you usually carry any condoms with you?

Variable - Q612	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1763	36.5	235	51.3	64	31.5	95	28.7	172	27.9	226	67.7	175	36.1	139	48.6	151	29	49	13.3	195	47.4	262	36.6
Yes	3127	63.5	231	48.7	129	68.5	260	71.3	484	72.1	124	32.3	329	63.9	211	51.4	355	71	324	86.7	226	52.6	454	63.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E13. Why don't you usually carry condoms with you? (Multiple Responses)

Variable - Q613	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
I don't use condoms	220	13.4	4	2	27	44.2	11	11.6	36	24	8	4.2	15	10.2	32	17.3	26	18			18	8.5	43	16.5
Available at the work place	724	35.7	105	42.3	7	7.9	34	37.8	68	37	161	66.8	73	34.9	18	11.5	83	56.6	20	36.5	72	34.5	83	31.4
Clients bring their own condoms	698	44.7	37	12.3	13	19.4	53	55.3	72	41.6	29	10.1	68	41.4	119	88.5	48	28.6	5	11.8	115	60.8	139	56.7
Don't think about it/forget	56	3.5	24	10.3	1	1.1	3	5.1	4	2.6	2	1	6	5.5	1	0.9	5	3.5	3	5.4			7	3.1
Afraid of being caught carrying condoms	387	22	65	32.6	26	41	21	18.8	19	12.5	54	27.6	10	6.3	32	25.1	42	24	27	57.9	1	0.8	90	31.9
Others	22	1.6					3	3.1					8	4.9					1	2.6			10	4.6
No answer	4	0.2	3	1.4																	1	0.4		
Denominator - those who didn't usually carry condom	1763		235		64		95		172		226		175		139		151		49		195		262	

Table E14. In the past 3 months, have you received counseling on condom use and safe sex?

Variable - Q614	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	2130	48	180	34.8	91	56.7	194	57.8	297	44.2	25	8.5	199	40.3	200	65.7	344	70.9	8	3.2	242	63.9	350	49.9
Yes	2760	52	286	65.2	102	43.3	161	42.2	359	55.8	325	91.5	305	59.7	150	34.3	162	29.1	365	96.8	179	36.1	366	50.1
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E15. Have you ever had the experience of a condom breaking while having sex?

Variable - Q615	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	2755	57.9	159	31.3	114	57.2	165	45.7	429	67.1	164	40.9	383	79.4	258	78	211	43.7	134	36.3	285	67.2	453	63.4
Yes	2124	41.9	307	68.7	77	41.7	188	53.7	227	32.9	185	58.8	121	20.6	92	22	295	56.3	239	63.7	135	32.7	258	36.1
No answer	11	0.2			2	1.1	2	0.6			1	0.3									1	0.1	5	0.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E16. For what reason(s) do you think the condom broke?

Variable - Q616	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Poor quality of condom	240	10.7	2	0.6	4	8.1	5	2.5	24	11.1	40	16.1	16	13.5	12	13.2	18	5.1	32	11.3	33	24.8	54	21.3
Expired condom	185	9	3	1.3	4	6.4	34	17.1	27	13	10	5.6	6	4.8	7	6.1	19	6.5	29	10.8	10	8.7	36	13.2
Condom wrong size	114	4.7	2	1.3	1	1.4	4	1.8	7	5	31	13.7	5	4.2	28	26.4	6	1.9	10	3	6	5.5	14	5
User error	226	10.9	9	3.8	5	6.1	37	17.9	33	17.7	22	11.3	19	16.2	4	4.4	14	4.5	32	11.6	8	4	43	18.6
No lubricant	290	13.1	66	24.8	19	26.4	17	8	11	7.2	41	15.3	10	6.2	17	17.4	21	5.7	31	12.4	13	9.9	44	15.7
Wrong type of lubricant	39	1.6	1	0.4			4	1.6	3	1.5	4	1.1	2	1.2	1	1.3	10	3	4	1.1	10	6.3		
Violence	1279	59.5	232	70.2	67	82	127	64	161	70.3	64	34.2	79	60.1	84	85.1	162	55	90	41.9	50	34.7	163	63
Used two condoms at same time	210	8.9	20	5	1	1.4	56	26.9			23	12.1	7	4	4	4.9	28	9.3	50	16.1	14	9	7	2.9
Sex lasted too long	1000	45.7	156	44.5	31	35	120	63.9	69	28.5	66	31.5	34	30.4	56	65.9	176	56.3	140	53.1	57	42.1	95	36.4
Large/disfigured penis	823	36	144	41.1	8	9.2	109	56.8	47	19.4	91	43.3	35	24.7	25	22.2	171	57.9	95	36.5	24	14.4	74	29.5
Others	5	0.3											3	2.4			1	0.1					1	1.2
Don't know/remember	2	0.1			1	2.1																	1	0.2
No answer	26	1.4			1	1	11	5.7					2	1.6					1	0.8	2	1.4	9	2.8
Denominator - Those who ever had experience of a condom break	2124		307		77		188		227		185		121		92		295		239		135		258	

Table E17. In the last one month, did you have the experience of the condom breaking?

Variable - Q617	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1080	51.6	132	43.4	39	56.1	98	52.4	167	72.1	74	42.9	75	60.9	66	70.5	161	55.7	84	34.8	52	39.7	134	53.1
Yes	1044	48	175	56.6	38	41.4	90	46.5	60	27.9	111	57.1	46	39.1	26	29.5	134	44.3	155	65.2	83	60.3	124	45.5
Denominator - Those who ever had experience of a condom break	2124		307		77		188		227		185		121		92		295		239		135		258	

Table E18. Did you have the experience of condom breaking the last time you had sex?

Variable - Q618	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1709	81.3	210	68.8	70	92.6	168	89.8	212	92.3	151	82.9	101	84.1	90	98	242	83.4	168	74.3	82	63.7	215	81.9
Yes	415	18.4	97	31.2	7	4.9	20	9.6	15	7.7	34	17.1	20	15.9	2	2	53	16.6	71	25.7	53	36.3	43	16.6
Denominator - Those who ever had experience of a condom break	2124		307		77		188		227		185		121		92		295		239		135		258	

Table E19. Did you use lubricant the last time you had sex?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q619																								
No	3388	73.3	274	60.3	149	75.8	253	73.1	507	75.7	102	34.7	415	85.1	295	87.9	333	68.4	219	64.3	340	83.4	501	71
Yes	1498	26.6	192	39.7	42	23.2	102	26.9	149	24.3	248	65.3	89	14.9	55	12.1	173	31.6	154	35.7	81	16.6	213	28.8
No answer	4	0.1			2	1.1																2	0.2	
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table E20. What kind of lubricant did you use at your last sex?

Variable - Q620	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Glycerin	22	1.2							4	2.6			4	4.1	1	1.4	6	2.8			6	3.5	1	0.4
Saliva	59	3.1									32	14.3	1	1.5			20	10.9	1	1	2	2.5	3	1.2
Water-based Gel (eg. Alaphaw gel)	1470	97.9	192	100	42	95.6	101	98.9	145	97.3	247	99.6	85	95.9	55	100	170	98.6	152	98.5	73	93.4	208	96.9
Body lotion/ /cosmetic oils	7	0.6							1	0.3			1	0.9					1	0.6	1	1.6	3	1.8
Cooking oil/butter	0																							
Other (specify):	4	0.3					1	1.1													1	1.6	2	0.6

[illegible]

F. Symptoms of STI, alcohol and drug use

Table F1. How long did you have this symptom before seeking treatment?

Variable - Q709	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M	$\bar{x}$	M
mean ($\bar{x}$), median (M), months	5.5	3	4.4	3	4.4	3	5.5	4	4.4	3	8.8	6	3.3	2	4.4	1	6.6	5	3.3	2	3.3	2	5.5	3

Table F2. Reported any STI symptoms in the past 12 months

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q705, Q706																								
No	3316	68.0	367	74.2	146	74.6	198	54.8	372	63.4	238	69.4	379	75.1	296	84.8	242	49.6	294	73.7	314	72.4	470	65.9
Yes	1574	32.0	99	25.8	47	25.4	157	45.2	284	36.6	112	30.6	125	24.9	54	15.2	264	50.4	79	26.3	107	27.6	246	34.1
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F3. Have you ever heard of diseases that can be transmitted through sexual intercourse?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q701																								
No	417	9.5	14	4.1	23	10.6	60	16.7	43	8.1			63	13.7	85	21.6	15	2.9			36	9.6	78	10.4
Yes	4472	90.5	452	95.9	170	89.4	295	83.3	613	91.9	350	100	441	86.3	265	78.4	491	97.1	373	100	384	90.2	638	89.6
No answer	1	0																			1	0.3		
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F4. Can you describe any symptoms of sexually transmitted infections in women? (Multiple Responses)

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q702																								
Lower abdominal pain	1066	20.4	131	25.5	2	0.9	1	0.3	84	15.1	189	46.5	181	41.2	29	9.9	117	22.6	181	42.2	80	18.7	71	10.3
White or foul-smelling discharge	3093	68.6	318	68.7	159	95	188	51.5	432	73.9	236	64.3	228	49.5	218	81.1	377	77.7	293	77.9	236	60.8	438	67.9
Itchiness around genitalia	2569	56.2	231	51.3	52	26	152	48.4	258	45.5	232	62.7	210	44	203	73.5	354	70.9	263	69.1	195	48.8	419	64
Burning/ painful urination	918	18.4	155	30.4	18	8.6	28	7.6	54	11.1	98	22.7	98	21.6	36	10.8	70	13.3	159	37.3	69	16.5	133	20.4
Pain during sex	630	12.2	171	33.9	9	3.9	14	4.8	35	7	38	8	85	18.1	52	14.9	27	5.2	131	28.4	44	10.6	24	3.3

Genital ulcer	1708	36.4	167	33.6	45	22.8	141	45.9	195	31.5	130	36.1	131	26.5	165	52.8	251	51.2	159	36.7	43	11	281	43.7
Swelling in groin	869	19.5	102	17	5	3	92	30	59	8.2	14	3	95	20.1	156	56.2	188	39.1	67	17.5	28	6.6	63	9.8
Infertility	80	1.5	8	1.5	1	0.4	6	2			3	1.3	16	3.1	2	0.8	7	1.4	33	6.3		4	0.7	
No symptoms	8	0.2									1	0.4	3	0.6			2	0.4				2	0.3	
Other	9	0.2					2	0.3					3	1.2								4	0.5	
Don't know/ remember	2	0.1											1	0.3						1	0.4			
No answer	510	13.8	3	0.9	6	3.1	101	36.6	75	13.7			69	17.7	32	14.5	10	2.3	10	4.2	61	17.7	143	23.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373	421		716		

Table F5. Can you describe any symptoms of sexually transmitted infections in men?

Variable - Q703	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Discharge from penis	2760	59.5	161	33	50	25.4	138	45.1	424	73.7	296	80.3	269	58.7	124	51.4	449	91.1	331	83.8	122	34	396	60.7
Burning/ painful urination	1434	29.8	175	33	127	77.7	52	15.7	201	36.6	140	31.9	148	33.8	10	3.1	154	31	158	39.3	118	27.3	151	22.7
Pain during sex	720	14.7	107	19	11	5.2	25	7.6	28	5.3	35	7	121	28.1	18	5.2	53	10.7	175	41.9	88	19.9	59	8.8
Genital ulcer	1745	36.6	161	37.1	47	23.7	110	36.7	225	37.6	204	57.7	138	27.1	73	24.4	244	49.4	197	47	58	14.4	288	45.1
Swelling in groin	968	21.2	50	9	7	4	89	29	115	19.7	89	18.6	79	16.8	97	37.2	188	37.7	66	18.1	50	10.8	138	21.9
No symptoms	11	0.3	1	0.2							1	0.2	4	1.3			1	0.2	2	0.7	2	0.5		
Other	6	0.1					1	0.3					2	0.3									3	0.4
Don't know/ remember	4	0.1	3	0.6									1	0.3										
No answer	948	23.9	123	28.4	11	5.5	141	49.5	102	18.2	5	1.7	94	23.7	135	46.7	19	4.1	14	6.5	103	27.9	201	32.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421			716

Table F6. Tested for STIs infection in past 3 months

Variable - Q704	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3421	73	406	85.9	109	61.2	314	89.4	498	74.5	48	16.2	393	80	319	91.9	429	85.4	60	14.2	365	86.5	480	67
Yes	1461	26.9	60	14.1	84	38.8	40	10.3	158	25.5	302	83.8	111	20	30	7.6	77	14.6	313	85.8	55	13.2	231	32.4
Don't know	8	0.2					1	0.3							1	0.4					1	0.3	5	0.6
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421			716

Table F7. During the last 12 months, have had an abnormal discharge from your vagina or experienced pelvic pain? This may include an unusual smell, color, texture

Variable - Q705	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3385	69.6	372	75.2	148	75.8	200	55.3	380	64.6	232	67.5	382	75.6	296	84.8	274	55.6	300	75.7	321	74	480	67.8
Yes	1485	30.1	94	24.8	44	23.8	152	43.8	276	35.4	110	30.2	121	24.2	53	14.8	232	44.4	73	24.3	98	25.5	232	31.7
Don't know	20	0.4			1	0.4	3	0.9			8	2.3	1	0.2	1	0.4					2	0.4	4	0.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F8. In the last 12 months, have you had ulcer or sore on or near your vagina?

Variable - Q706	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4486	91.6	407	85.4	183	93.2	331	93.5	611	92.2	320	90.8	479	95.3	343	98.7	408	81.5	345	90.4	395	94.2	664	92.3
Yes	389	8.2	59	14.6	10	6.8	24	6.5	45	7.8	21	6.6	25	4.7	7	1.3	98	18.5	28	9.6	24	5.2	48	7.2
Don't know	15	0.2									9	2.7									2	0.5	4	0.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F9. Among those with symptoms of a sexually transmitted infection in the last 12 months, sought treatment

Variable - Q707	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	845	53	39	38.2	24	44.4	110	71.8	203	62.1	73	64.5	70	59.4	44	83.5	78	31.7	25	39.7	66	65.6	113	46.6
Yes	728	47	60	61.8	23	55.6	47	28.2	81	37.9	38	34.7	55	40.6	10	16.5	186	68.3	54	60.3	41	34.4	133	53.4
No answer	1	0									1	0.7												
Denominator - those with Reported any STI symptoms in the past 12 months	1574		99		47		157		284		112		125		54		264		79		107		246	

Table F10. If medical treatment has been taken, where/how did you go for treatment? (Multiple Responses Allowed)

Variable - Q708	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Self medication	110	15.7	1	1.4			8	16.8	12	13.1	5	19.9	17	30.5	2	17.2	22	12.7	3	5.6	9	30.7	31	22.7
Traditional medicine	21	2.6					3	5.9	2	1.5	3	12.3	3	6.7			3	1.5			6	12.9	1	0.5
Treatment at AIDS/STD Team	73	7.7	1	1.9	2	6.7	3	8	1	0.9	24	51.4			4	30.1	15	6.3	10	19.6	9	19.6	4	3.3
Private hospital/clinic/GP	181	24.8	23	35.6	5	35.8	10	20.8	14	18.5	6	15.9	11	20.3	3	35.5	73	38	3	3.9	12	27	21	16.5

Public hospital/clinic	52	7.8	4	8.1	3	15	11	23.8	3	4.7				9	17.1	1	6.9	6	3.5	1	2.1	7	13.1	7	5.3
Clinics at NGOs	339	46	31	53	13	42.6	13	25.6	49	61.3	17	33		17	29	3	33.6	79	44	40	72	6	17.2	71	53
Other	1	0.2																					1	0.8	
Denominator - those with Reported any STI symptoms in the past 12 months and sought treatment	728		60		23		47		81		38			55		10		186		54		41		133	

Table F11. Have you ever had any alcohol drink?

Variable - Q801	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	2529	55.2	218	46.2	128	67.4	191	55	249	40	153	42.4	263	56.7	268	78.5	177	36.7	167	50.9	274	66.4	441	63.7
Yes	2361	44.8	248	53.8	65	32.6	164	45	407	60	197	57.6	241	43.3	82	21.5	329	63.3	206	49.1	147	33.6	275	36.3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F12. In the last 12 months, how often do you have a drink containing alcohol?

Variable - Q802	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	38	1.8	6	3.1	3	2.7	5	3	2	0.3	7	2.2	6	3.9	2	4					1	1.2	6	2.3
Monthly or less	707	31.7	112	44.6	25	40	78	49	56	14	2	0.7	111	45	25	34.8	120	34.3	35	19.7	61	38.5	82	28.3
2-4 times a month	953	41.3	71	29.8	14	21.6	55	31.6	147	37.5	97	43.7	70	31.1	45	51.4	187	58.9	83	45.3	51	35.3	133	50.9
2-3 times a week	355	13.2	42	13.9	15	24.8	7	3.8	85	19.9	70	40.7	17	6.3	9	9.2	18	6.1	56	25.2	21	15.1	15	5.7
4 or more times a week	308	12	17	8.6	8	10.9	19	12.6	117	28.3	21	12.7	37	13.7	1	0.5	4	0.6	32	9.8	13	10	39	12.9
Denominator - those who ever had any alcohol drink	2361		248		65		164		407		197		241		82		329		206		147		275	

Table F13. In the last 12 months, did you use alcohol to make sex work easier?

Variable - Q803	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1103	49.1	135	55.7	56	82.3	106	64.7	189	47.6	78	39.1	130	56.3	44	50.7	98	33.9	48	28.7	122	83.7	97	35.5
Yes	1258	50.9	113	44.3	9	17.7	58	35.3	218	52.4	119	60.9	111	43.7	38	49.3	231	66.1	158	71.3	25	16.3	178	64.5
Denominator - those who ever had any alcohol drink	2361		248		65		164		407		197		241		82		329		206		147		275	

Table F14. In the last 12 months, did you have the experience of get drunk and had sex?

Variable - Q804	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1158	51.9	139	59.4	52	74	105	63.7	187	47.1	77	38.5	149	65.2	49	54.3	99	34.1	53	32.7	134	91.3	114	42.1
Yes	1203	48.1	109	40.6	13	26	59	36.3	220	52.9	120	61.5	92	34.8	33	45.7	230	65.9	153	67.3	13	8.7	161	57.9
Denominator - those who ever had any alcohol drink	2361		248		65		164		407		197		241		82		329		206		147		275	

Table F15. In the last 12 months, how often did you use condoms when you were drunk during sex?

Variable - Q805	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Always	494	42.7	24	29.5	5	50.2	28	48.2	86	41.8	16	8.7	61	64.8	5	11.9	125	51.4	74	47.7	9	72.6	61	39.4
Most times	346	26	26	21.9	3	20.8	13	21.4	82	31.1	39	30.9	10	9.2	15	41.9	71	32.6	46	25			41	22
About half the times	63	4.4	15	8.8					8	1.6	5	4.1	5	5.3	7	22.7	4	1.6	11	6.4			8	4.7
Occasionally	191	15.7	44	39.8	4	24.9	9	14.2	18	8.3	45	40.9	8	9.9	4	17.6	19	9.7	18	14.2	4	27.4	18	11.5
Never	108	11.2			1	4.2	9	16.2	26	17.2	15	15.4	7	10	2	5.9	11	4.7	4	6.7			33	22.3
No answer	1	0.1											1	0.9										
Denominator - those who had experience of get drunk and had sex, in the last 12 months	1203		109		13		59		220		120		92		33		230		153		13		161	

Table F16. Have you ever used drugs for non-medical purposes in your lifetime?

Variable - Q806	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4730	97.3	463	99.2	182	94.8	350	98.9	627	95.5	325	92.6	498	99.4	341	98.1	486	96.3	355	96.6	417	98.8	686	96.3
Yes	159	2.7	3	0.8	11	5.2	5	1.1	29	4.5	24	7.2	6	0.6	9	1.9	20	3.7	18	3.4	4	1.2	30	3.7
No answer	1	0									1	0.2												
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F17. How did you use drugs for non-medical purposes?

Variable - Q807	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Injecting method	12	9.3					1	16	2	7.7					1	9.3	2	11.3	1	6	3	77.8	2	6.5

Non-injecting methods	142	88.1	3	100	11	100	4	84	27	92.3	25	100	5	93.6	8	90.7	16	84	17	94			26	89.8
Both	5	2.5											1	6.4			2	4.7			1	22.2	1	3.7
Denominator - those who used drugs for non-medical purposes in your lifetime	159		3		11		5		29		25		6		9		20		18		4		29	

Table F18. In the last 12 months, have you injected drugs for non-medical purposes?

Variable - Q808	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	5	19.3					1	100	1	37.5							2	29.1					1	24
Yes	12	79.3							1	62.5					1	100	2	70.9	1	100	4	100	3	76
Denominator - those who answered "injection method" and "Both" on Q 807	17	98.6					1		2						1		4		1		4		4	

Table F19. Have you shared needle during those last 12 months?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q809																								
No	10	84.8							1	100							2	100	1	100	4	100	2	47.4
Yes	2	15.2													1	100						1	52.6	
Denominator - those who answered "Yes" on Q808	12								1						1		2		1		4		3	

Table F20. In the last 12 months, did you use drugs to make sex work easier? (not including sex drugs)

Variable - Q810	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	82	54.3	1	23.1	8	70.8	3	46.7	13	48.6	14	62.7	4	67.3	6	77.8	6	32.8	5	29.1	4	100	18	61.9
Yes	77	44.8	2	76.9	3	29.2	2	53.3	16	51.4	11	37.3	2	32.7	3	22.2	14	67.2	13	70.9			11	34
No answer	1	0.9																					1	4.1
Denominator - those ever use drugs for non-medical purposes in your lifetime	160		3		11		5		29		25		6		9		20		18		4		30	

Table F21. During the last 12 months, when you were under the influence of drugs and had sex, how often do you use condoms?

Variable - Q812	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Always	21	30.4			2	72.7	1	33.3	5	43.6							9	54.5	3	23.8			1	10.4
Most times	31	33.8							6	35.1	4	34.2			2	100	4	21.5	8	49.3			7	52.1
About half the times	6	7.3			1	27.3					2	9.9					1	8.4	2	21.2				
Occasionally	13	13.7					2	66.7	3	21.3	5	31.1	1	33.3			1	6.3	1	5.7				
Never	12	14.9	1	100							4	24.8	1	66.7			2	9.4					4	37.5
Denominator - those who had sex under the influence of drugs	83		1		3		3		14		15		2		2		17		14				12	

Table F22. In the last 12 months, did you have sex under the influence of drugs?

Variable - Q813	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4834	99.1	465	99.7	191	98.5	354	99.7	653	99.7	332	94.7	500	99.6	348	99.7	504	99.5	360	97.2	417	98.7	710	99.2
Yes	52	0.8	1	0.3	1	0.6	1	0.3	3	0.3	15	4.4	4	0.4	2	0.3	2	0.5	13	2.8	4	1.3	6	0.8
No answer	4	0.1			1	0.9					3	0.9												
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table F23. In the last 12 months, when you were under the influence of drugs and had sex, how often do you use condoms?

Variable - Q814	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3958	82	462	99	184	95.6	175	48.3	469	73.9	206	60	387	78.6	299	81.9	470	94.1	293	79.5	413	97.4	600	84.1
Yes	322	6.3	4	1	6	2.4	21	5	51	8.5	22	6.3	42	7.2	3	0.6	29	4.7	64	16.6	3	1.5	77	10.7
Don't know/Not notice	605	11.6			2	1.2	158	46.3	136	17.6	120	33	75	14.2	48	17.5	7	1.2	16	3.9	5	1.1	38	5.1
No answer	5	0.1			1	0.9	1	0.3			2	0.6											1	0.1
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

G. HIV knowledge and testing

Table G1. Have you ever received information on HIV or AIDS?

Variable - Q901	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	88	2	9	2.8	5	2.7	7	2	7	1.2	4	0.7	3	0.8	3	0.7	3	0.6	4	1.7	9	2.2	34	4.6
Yes	4802	98	457	97.2	188	97.3	348	98	649	98.8	346	99.3	501	99.2	347	99.3	503	99.4	369	98.3	412	97.8	682	95.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G2. From where/whom did you receive most information about HIV? (Multiple Responses)

Variable - Q902	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Health providers (public/private)	3174	65	184	39.6	89	42	211	59.5	517	79.2	229	66.2	293	53.4	293	83.7	377	76.3	311	86.3	162	40.3	508	72.4
Teacher/school official	241	4.7	2	0.4	2	1	2	0.6	14	2.4	51	19.1	35	6.1	57	14.2	13	2.5	20	4	27	7.7	18	2.7
Radio/ TV/ Magazine	656	12.6	48	9.4	7	3.7	22	5.7	45	7	115	30	104	20.7	117	28.3	66	13.9	30	7.1	35	9.9	67	9.7
IEC materials (pamphlets, posters)	1387	26.9	141	28.5	13	7.1	89	24.3	203	38	242	68.5	164	30.7	133	32.2	191	41.4	39	8.4	38	9	134	20
Social media/Internet	597	10.9	60	11.2	4	1.9	18	4.5	39	5.7	119	28.5	86	17.1	36	10.5	119	26.7	58	12.9	29	5.8	29	4
Relatives/Friends	2124	46	154	31.8	45	26.3	261	76	161	27.4	85	26.3	388	75.8	272	77.1	363	72.5	60	12.7	194	44.8	141	20.9
Peers	2074	40.5	252	48.4	129	66.4	186	52.3	172	20.1	141	44	195	36.3	37	8	185	34.1	178	39.7	137	32.9	462	66.9
Others (Specify)	11	0.4					1	0.2					1	0.3	1	0.2							8	1.8
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G3. Can a person get HIV having sex with only one uninfected partner who has no other partners?

Variable - Q903	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4135	84.9	441	92.6	170	89.2	325	90.8	590	92.8	289	80.6	458	91.3	303	88.2	451	90.3	275	77.8	266	61.8	567	79.2
Yes	651	12.9	24	7.1	12	5	16	4.7	66	7.2	49	15	45	8.5	33	8	51	8.7	83	19.2	142	34.5	130	18.4
No answer	104	2.2	1	0.3	11	5.8	14	4.4			12	4.4	1	0.1	14	3.7	4	1	15	2.9	13	3.7	19	2.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G4. Can a person get HIV from mosquito bites?

Variable - Q904	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4100	82.4	456	96.7	157	78.5	282	77.9	514	84.2	347	98.6	386	77.1	285	77.5	456	89.9	335	89.2	330	76.1	552	75.9
Yes	686	15.4	7	2.4	29	17.7	58	17.5	141	15.6	1	0.1	107	21.3	59	21	48	9.5	37	10.7	70	19.2	129	19.9
No answer	104	2.2	3	0.9	7	3.8	15	4.6	1	0.2	2	1.3	11	1.6	6	1.5	2	0.6	1	0.1	21	4.8	35	4.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G5. Can a person reduce the risk of getting HIV by using a condom in the right way every time they have sex?

Variable - Q905	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	380	9.2	30	7.4	6	2.6	6	1.9	8	1.1	19	6.3	20	4	142	46.7	38	6.8	25	8.8	41	11.5	45	6.2
Yes	4413	88.4	431	91	185	96.4	335	92.5	647	98.9	323	90.2	483	95.7	173	43.8	467	93	348	91.2	369	85.7	652	91.3
No answer	97	2.3	5	1.6	2	0.9	14	5.7	1	0	8	3.5	1	0.3	35	9.5	1	0.2			11	2.8	19	2.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G6. Can a person get HIV by sharing food with someone who is infected?

Variable - Q906	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4670	95.1	461	98.7	183	95.2	340	95.9	637	97.5	347	99.1	478	94.3	338	96.9	496	98.1	349	93.9	381	89.6	660	91.8
Yes	185	4.1	4	1	7	3	13	3.5	19	2.5	1	0.2	25	5.3	10	2.6	10	1.9	23	5.8	32	8.4	41	6.3
No answer	35	0.8	1	0.3	3	1.8	2	0.6			2	0.7	1	0.3	2	0.4			1	0.3	8	2	15	1.9
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G7. Can a person get HIV by injecting with a needle that was already used by someone else?

Variable - Q907	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	180	3.4	5	1.5	10	4.6	1	0.3	8	1.2	21	7	3	0.9	3	0.5	23	4.1	15	3.6	37	8.3	54	6.5
Yes	4652	95.4	460	98.2	182	94.8	352	98.5	648	98.8	303	84.4	500	98.9	342	98.1	483	95.9	358	96.4	378	90.4	646	91.1
No answer	58	1.1	1	0.3	1	0.6	2	1.2			26	8.6	1	0.2	5	1.4					6	1.3	16	2.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G8. Can a healthy-looking person have HIV?

Variable - Q908	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	749	14.2	258	52.5	5	2.5	14	4.4	140	16	5	1.5	53	10.3	30	12.9	24	5.2	112	31.1	28	6.5	80	10.2
Yes	3501	72.1	166	36.1	173	89.7	310	85.6	514	83.7	305	83.6	440	87.8	263	72.1	480	94.4	168	47.2	178	43.7	504	71.6
No answer	640	13.7	42	11.4	15	7.8	31	10	2	0.3	40	14.9	11	2	57	14.9	2	0.4	93	21.8	215	49.8	132	18.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G9. Have you heard that there is a treatment for HIV/AIDS?

Variable - Q909	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	672	15.6	34	9	46	29.5	57	16.6	230	42.4	7	2.2	34	8	133	39.1	36	6.6	8	3	37	9.9	50	6.8
Yes	4190	83.7	431	90.7	145	69.6	294	81.6	426	57.6	342	97.5	470	92	217	60.9	470	93.4	364	96.7	377	88.6	654	91.7
No answer	28	0.6	1	0.2	2	0.8	4	1.7			1	0.4							1	0.3	7	1.5	12	1.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G10. Do you know where to go if you wish to receive an HIV test?

Variable - Q910	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	502	12.4	20	4.7	28	19	72	22.5	42	6.2	1	0.7	24	5.7	114	36.9	12	2.4	1	0.2	78	18.2	110	15.8
Yes	4388	87.6	446	95.3	165	81	283	77.5	614	93.8	349	99.3	480	94.3	236	63.1	494	97.6	372	99.8	343	81.8	606	84.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G11. Where can you have an HIV test? (Multiple Responses)

Variable - Q911	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
HCT at AIDS/STD Team	2035	43.9	265	51.4	38	20.8	170	58	137	29.2	228	55.9	157	31.9	140	52.1	335	67.4	238	58.4	128	35.8	199	32.3
Public hospital	1725	40.7	38	10.9	27	15.2	185	64.7	211	32.3	98	33.6	358	72.8	156	68.7	182	37.6	89	20	69	19.5	312	50.9
GP/private clinic/private hospital	722	16.3	7	1.7	9	5	86	31.1	67	9.4	89	29.2	224	44.7	42	17	101	23.4	22	5.4	32	8.3	43	6
Clinics at NGOs	3757	84.1	371	79.7	159	95.6	257	91	550	90.8	344	98.6	386	78.3	176	71.8	480	97.4	358	96.4	146	42.5	530	88.1
Peer outreach workers	572	13.4	18	4.1	19	11.1	6	1.5	12	1.9	63	18.5	62	10.8	82	30.7	8	1.6	6	1.1	148	44.6	148	25.3
Other (Specify)	1	0																					1	0.2
No answer	1	0.1											1	0.7										
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G12. Where would you prefer to get HIV test? (Multiple Response)

Variable - Q912	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Home visit	123	2.5			1	0.4	10	3.8	10	1.2	7	1.7	6	0.5	4	0.7	52	9.7	5	1.5	12	3.8	16	2
Home self-test	169	3.4	4	0.7	1	0.6	6	1.6	1	0	16	5.1	6	1.4	121	29.7	3	0.5	1	0.2	4	0.8	6	0.8
Where I socialize	249	3.8	89	15	7	3.3	4	0.9	38	2.5	8	1.9	27	4.2	60	13.6	3	0.6	1	0.2	7	1.4	5	0.6
HCT at AIDS/STD Team	958	17.5	57	11.4	31	15.7	92	25.3	49	10.5	210	49.8	36	8	107	26.3	118	22	45	9.7	109	23.1	104	14.3
Public hospital	918	21.7	40	11.8	19	9	109	30.6	98	16.3	24	8.4	131	26.8	166	56.2	58	11.7	19	3.6	76	18.1	178	26.8
GP/private clinic/private hospital	280	5.8	9	2.2	9	4.1	30	7.7	31	4.3	32	11	58	13.1	11	2.9	31	7.4	7	1.3	43	9.5	19	2.2
Clinics at NGOs	3415	67.7	272	59.8	166	85.1	273	75.4	517	81.8	314	89.3	316	60.2	113	29.8	453	90	352	94.3	139	32.9	500	68.6
Peer outreach workers	311	6.8	9	1.9	12	5.3	3	0.9	7	0.8	16	4.4	17	3.3	27	6.4	5	0.9			169	42	46	6.2
Other (Specify)	10	0.2					1	0.3					1	0.2									8	0.8
No answer	11	0.2	1	0.3			1	0.3					1	0.2							1	0.2	7	0.8
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G13. Ever tested for HIV

Variable - Q913	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1588	35.5	77	15.4	68	39.2	148	43.2	267	36.8	1	0.4	226	49	209	64.1	178	35.5	1	0.3	162	40.7	251	35.3
Yes	3302	64.5	389	84.6	125	60.8	207	56.8	389	63.2	349	99.6	278	51	141	35.9	328	64.5	372	99.7	259	59.3	465	64.7
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G14. Reason for never testing for HIV (Multiple Response)

Variable - Q914	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Feel healthy, not sick	445	25.5	25	35.7	16	20.2	37	24.7	72	22.6			32	11	101	37.1	88	49.4			2	1.4	72	31.1
Afraid of learning HIV status	448	26.8	39	45.7	5	6.4	38	24.9	130	54.5			36	15.9	69	33.4	46	23			36	21.7	49	19.8
Fear of stigma and discrimination	180	12.8	37	40.5			14	8	2	1.2	1	100	8	3.5	41	26.9	21	11.7	1	100	34	21.6	21	11.2
Don't think I have HIV	597	39.1	25	35.4	48	78.3	54	36.5	54	18.1	1	100	136	60.4	75	29.5	78	47			15	13.8	111	47
I trust my partner	48	2.9	9	11.6	11	11.8	3	1.8	5	2.5			9	4.2			1	0.3			3	2.1	7	3.2
No money to test	62	5.4					4	2.7	1	0.6			12	6	27	18.7	2	0.9			1	0.4	15	6.2

Do not know a place to test	356	23.4	3	4.5	13	15.7	39	26.4	35	14.3				9	4.9	81	42.3	9	5.6			82	45.7	85	30.4
Other	53	4					19	14.5	1	0.4				12	5.9							1	0.6	20	8.7
Denominator - those who never tested for HIV	1588		77		68		148		267		1			226		209		178				162		251	

Table G15. Time since last HIV test

Variable - Q915	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
0-6 months	1358	40.6	119	33	81	60.2	63	29.4	199	51.5	150	50.5	74	25.9	56	33.3	80	24	218	57.4	125	46.7	193	41.2
6-12 months	661	17.7	127	30.6	20	16.2	38	17.3	44	9.6	150	36.3	31	12.5	38	27.3	76	25.2	45	10.3	40	15.4	52	10.8
>12 months (one year)	1190	38.6	142	35.9	20	18.9	101	51.2	145	38.5	49	13.2	140	50.7	43	36.6	167	49.2	109	32.2	75	30.6	199	43.4
Do not remember/know	93	3.1	1	0.5	4	4.7	5	2.2	1	0.3			33	10.9	4	2.8	5	1.6			19	7.4	21	4.6
Denominator - those who ever tested for HIV	3302		389		125		207		389		349		278		141		328		372		259		465	

Table G16. The last time you went for an HIV test, why did you get the test done? (Multiple Response)

Variable - Q916	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
I wanted to know my HIV status	2801	84.4	351	90.1	100	79.9	183	87.7	356	91.2	274	75.4	213	75.1	133	93.6	280	85.4	349	95.4	213	83.1	349	73.1
Urged by spouse/ partner	100	2.7	33	8.6	1	0.6			3	1	7	1.9	6	3	3	1.7	25	6.4	19	3.7	1	0.3	2	0.5
Urged by friend	355	10.6	50	9.4	2	1.9	12	5.1	34	8.9	13	3.2	10	3	9	6.7	105	31	21	3.1	7	2.4	92	21
was pregnant	115	4.1			2	1.3	16	7.7	4	1.7			18	5.9	7	5.9	4	1.3	2	0.5	31	11.4	31	7.4
Recommended by doctor	74	2.5			2	2.4	5	2.4	11	2.8	1	0.3	18	5.5	4	3.2	4	1.7	1	0.2	2	0.8	26	6.1
For regular blood testing	355	10.6	2	0.4	38	28.8	6	3	63	17.5	81	25.9	43	17.6	1	0.3	14	3.5	2	0.9	5	2.3	100	21.6
Forced by employer	104	1.8	1	0.2	2	1.7	1	0.5	10	2.3	63	14.5	2	0.4	4	2.1	15	4.1			4	1.2	2	0.2
Other (specify)	25	0.9					9	5													1	0.3	15	3.2
Denominator - those who ever tested for HIV	3302		389		125		207		389		349		278		141		328		372		259		465	

Table G17. Source of last HIV test

Variable - Q917	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
HCT at AIDS/STD Team	296	8.6	77	16.2	4	2.6	18	8.4	14	5.4	11	2.6	17	7.3	29	17.5	9	2.2	36	7.8	64	24	17	3.4

Public hospital	261	9.2	34	11.4	7	6	25	12.3	26	6.2				47	16.1	16	13.1	12	3.6	3	0.9	38	15.9	53	12.9
GP/private clinic/private hospital	106	3.6	8	2.3	4	3.3	2	0.8	20	4.6	4	1.9	27	11.2	2	2	2	0.7	3	2.1	17	6.8	17	3.2	
Clinics at NGOs	2494	74.3	260	67.2	102	82.9	156	76	326	82.9	323	92.9	174	62	65	49.3	305	93.5	329	88.9	88	33.3	366	78.3	
Peer outreach workers	138	4.1	10	2.9	8	5.2	4	1.6	3	0.9	9	1.8	13	3.4	29	18.1				1	0.3	52	20	9	1.6
Other	7	0.2					2	0.8			2	0.8											3	0.6	
Denominator - those who ever tested for HIV	3302		389		125		207		389		349		278		141		328			372		259		465	

Table G18. Did you get the results of that last HIV test?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q918																								
No	37	1.5			1	1.5	5	2.6	6	3.2	1	0.1	5	1.6	2	2	5	1.3	3	0.8	5	2	4	1.4
Yes	3263	98.4	389	100	124	98.5	202	97.4	383	96.8	348	99.9	272	97.9	139	98	323	98.7	369	99.2	254	98	460	98.4
No answer	2	0.1											1	0.4								1	0.2	
Denominator - those who ever tested for HIV	3302		389		125		207		389		349		278		141		328		372		259		465	

Table G19. The last time you had an HIV test did you share your test result with others?

Variable - Q919	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1866	57.1	216	56.6	52	47	156	80.4	260	67.6	228	67.5	106	41.1	31	23.7	151	47.3	286	77.1	138	53	241	52
Yes	1397	42.9	173	43.4	72	53	46	19.6	123	32.4	120	32.5	166	58.9	108	76.3	172	52.7	83	22.9	116	47	219	48
Denominator - those who get the results of that last HIV test	3263		389		124		202		383		348		272		139		323		369		254		460	

Table G20. If yes, with whom did you share your test result? (Multiple Response)

Variable - Q920	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Spouse/regular partner	392	29.6	70	43.3	12	16.4	13	27.2	20	16.5	16	13.3	45	27.1	47	51.5	49	29.5	16	17.1	38	30.5	66	29.7
Friend	682	49.5	93	47.8	43	57.6	24	53.5	86	69.1	28	22.1	45	29.4	62	53.3	110	64.1	34	36.8	57	52.5	100	48.7
Family member	333	24.9	31	18.6	14	20.4	18	33.4	27	25.3	11	10.5	32	20.3	41	36.9	39	21.7	25	33.2	9	8.7	86	36.4
Health staff	200	15.3	1	0.8	6	8.4	8	18.2	1	1.7	1	0.9	89	50.2	12	10.5	7	6.1	38	48.6	30	27.9	7	3
Colleague	172	10.4	2	1.6	4	6	2	4.3	16	10.9	38	22.9	9	4.5	64	53.5	13	7.5			3	1.4	21	9
Employer	90	3.7	1	0.3	3	2.8			5	3.6	59	50.9	6	2.1	6	4.6	7	3.8			3	1		

Peers	30	1.5			4	5.2			1	1.1	9	5.5	3	1	2	1.1			2	0.9	9	3.5
Denominator - those who had shared the last HIV test result with others	1397		173		72		46		123		120		166		108		172	83	116		219	

Table G21. Result of last HIV test among tested and received results (n=37 did not get results among tested)

Variable - Q921	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Negative	2992	91.3	372	95.8	118	95.5	170	85.2	360	93.2	337	97	249	93.2	121	87.6	308	96	352	94.5	232	92.3	373	81.3
Positive	262	8.4	17	4.2	6	4.5	32	14.8	23	6.8	7	1.8	23	6.4	18	12.4	15	4	17	5.5	18	6.3	86	18.3
Indeterminate	10	0.3									4	1.2	1	0.4							3	1.3	2	0.5
No answer	1	0																			1	0		

Table G22. Has your current/last regular partner ever tested for HIV?

Variable - Q922	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3173	66.4	372	78.7	153	82.2	271	77.1	478	71.2	116	39.7	279	58.2	288	84.1	372	73.8	264	68.7	243	59.9	337	46.9
Yes	1127	23.1	83	18.7	38	16.9	79	21.7	136	23.7	75	18.1	186	34.2	44	11.1	112	22	108	31	83	20	183	25.9
Have no regular partner/spouse	169	3.4	6	1.1	1	0.6	1	0.3	18	3.4	20	3.6	13	2.6			5	1.4			46	9.4	59	8.7
Don't know	410	6.9	5	1.5	1	0.4	4	0.9	24	1.8	137	38.4	26	5	18	4.7	17	2.9	1	0.3	42	9	135	18.1
No answer	11	0.2									2	0.3									7	1.7	2	0.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G23. Do you know the HIV status of your current/last partner?

Variable - Q923	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Yes, he said he is negative	1001	69.1	80	88	36	93.3	68	83	127	86.8	41	17.9	168	79.8	35	58.2	104	82.1	103	95.1	77	60.1	162	51.9
Yes, he said he is positive	74	4.6	2	2.3	2	4.7	9	10.4	6	3.9	10	5.5	7	2.7	8	11	5	4	5	4.1	5	3.5	15	4.5
Have not discussed this with my partner	86	4					2	2.6	13	5.1	34	12.1	18	8.6	15	21	1	1			2	2.1	1	0.3
Don't know	375	21.3	6	9.7	1	2	4	4	14	4.2	128	64.2	18	8.3	4	9.9	19	12.9	1	0.8	41	28.9	139	42.3
No answer	12	0.9									1	0.3	1	0.6							7	5.4	3	1
Denominator - excluding those whose current/last regular partner is not tested for HIV or those who didn't have regular partner/spouse	1548		88		39		83		160		214		212		62		129		109		132		320	

Table G24. If HIV self-test kits were available, how likely is it that you would use one to test yourself for HIV?

Variable - Q924	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Very unlikely	2022	42.7	310	69.3	39	17.6	230	65.2	309	48.1	53	14.8	105	21.6	33	10.6	171	33.1	22	8	360	86	390	52.9
Somewhat unlikely	862	16.4	110	22.1	38	19.1	11	3.8	92	10.7	108	35.3	45	8.8	71	20	139	27.6	54	15.7	59	13.5	135	17.8
Neutral	234	4.8	31	4.7	4	1.9	2	1.2	9	1.1	42	14.6	2	0.3	48	14.9			75	23.6			21	3
Somewhat likely	1096	22.9	14	3.6	109	60	25	6.2	138	21.2	70	16.3	162	33.8	98	31.5	178	36.2	151	32.4			151	23.5
Very likely	670	13.1	1	0.3	3	1.4	84	22.8	108	18.8	77	18.9	188	35.2	100	23.1	18	3.1	71	20.4	1	0.3	19	2.8
No Answer	6	0.1					3	0.8					2	0.1							1	0.3		
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G25. What do you think are your chances of getting HIV?

Variable - Q925	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No chance	1608	33.7	238	55.4	131	71.2	78	22.6	195	33	58	18.3	255	51.9	149	35.6	69	13.6	63	18.8	232	52.2	140	17.6
Small Chance	2102	41	208	40.8	39	16.6	130	36.1	350	48.6	223	63.1	125	24.4	128	42.1	305	60	239	62.9	142	36.5	213	31.4
Moderate Chance	690	14.7	16	3	14	6.2	78	22.3	69	11	55	14.9	90	18.3	54	17.9	102	20.6	46	11.1	35	8.3	131	19.1
Great Chance	452	9.7	4	0.9	9	6	39	9.9	41	7.2	14	3.8	33	5.3	18	4.2	29	5.7	25	7.2	11	3	229	31.3
No Answer	38	0.9					30	9.1	1	0.1			1	0.1	1	0.2	1	0.1			1	0	3	0.5
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table G26. Aware of HIV-positive status (1st 90): Knowing their HIV status among those tested as HIV+

Variable - HIVResult, Q921	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	133	35.2	9	36.3	7	54.8	10	26.4	11	31.7	2	19.3	4	24.0	8	32.6	24	64.5	1	4.5	15	44.7	42	34.5
Yes	262	64.8	17	63.7	6	45.2	32	73.6	23	68.3	7	80.7	23	76.0	18	67.4	15	35.5	17	95.5	18	55.3	86	65.5

Table G27. Aware of HIV-positive status and on ART (2nd 90)

Variable - HIVResult, Q921, Q1006	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	22	8.8	0		0		6	23.0	0		1	25.0	2	14.0	5	23.6	0		0		3	20.0	5	4.3
Yes	240	91.2	17	100.0	6	100.0	26	77.0	23	100.0	6	75.0	21	86.0	13	76.4	15	100.0	17	100.0	15	80.0	81	95.7

Table G28. Among those on ART, ART provider

Variable - Q1007	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Pathelim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
AIDS/STD Team	74	28.7	5	26.9	2	37.8	10	38.2	7	29.8	6	100.0	16	73.4	4	28.5	3	33.1	8	48.6	8	65.2	5	5.7
Public hospital/clinic	59	29.1	1	8.4			7	32.7	8	40.2					6	49.0			3	21.9	3	14.4	31	40.8
Private hospital/clinic/GP	2	0.8																	1	3.8			1	1.3
Clinics at NGOs	105	41.4	11	64.7	4	62.2	9	29.1	8	30.0			5	26.6	3	22.5	12	66.9	5	25.7	4	20.4	44	52.2
Other																								

Table G29. Started ART but no longer taking ART

Variable - Q1004, Q1006	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Pathelim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No (still on ART)	240	97.8	17	100.0	6	100.0	26	91.6	23	100.0	6	75.0	21	100.0	13	92.1	15	100.0	17	100.0	15	100.0	81	99.0
Yes (no longer on ART)	5	2.2	0		0		2	8.4			1	25.0			1	8.0	0				0		1	1.0

Table G30. 3rd 90: Had HIV viral suppression among those on ARV, (tested VL last 12 month)

Variable - Q321, Q1006, Q1008	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Pathelim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Yes (VL suppression)	139	58.8	11	66.8	3	54.1	15	58.3	16	66.5	4	55.6	7	25.6	5	37.6	5	39.0	6	29.5	3	20.1	64	80.0
No	22	8.1					1	4.6	5	23.0							6	35.2	4	16.0	2	7.9	4	4.3
Did not test VL	29	11.1	6	33.2			2	6.9	2	10.6			3	11.4	3	15.5	4	25.8	1	6.3			8	9.6
Do not remember/know	50	22.1			3	45.9	8	30.2			2	44.4	11	63.0	5	46.9			6	48.3	10	72.0	5	6.1

H. HIV knowledge and testing, PrEP, PEP

Table H1. Have you ever visited a healthcare provider for your HIV infection after receiving HIV positive result?

Variable - Q1003	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Pathelim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	21	8.3					6	20.4					1	7	4	17					3	20	7	7.2
Yes	241	91.7	17	100	6	100	26	79.6	23	100	7	100	22	93	14	83	15	100	17	100	15	80	79	92.8
Denominator - Those who received HIV positive result	262		17		6		32		23		7		23		18		15		17		18		86	

Table H2. Have you ever taken antiretroviral medicine to treat your HIV infection?

Variable - Q1004	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	17	6.8					4	16					2	14	4	17					3	20	4	3.3
Yes	245	93.2	17	100	6	100	28	84	23	100	7	100	21	86	14	83	15	100	17	100	15	80	82	96.7
Denominator - Those who received HIV positive result	262		17		6		32		23		7		23		18		15		17		18		86	

Table H3. Are you currently taking antiretroviral medicine to treat your HIV infection?

Variable - Q1006	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	22	8.8					6	23			1	25	2	14	5	23.6					3	20	5	4.3
Yes	240	91.2	17	100	6	100	26	77	23	100	6	75	21	86	13	76.4	15	100	17	100	15	80	81	95.7
Denominator - Those who received HIV positive result	262		17		6		32		23		7		23		18		15		17		18		86	

Table H4. Among those on ART, ART provider

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1007																								
AIDS/STD Team	74	28.7	5	3	2	37.8	10	38.2	7	29.8	6	100	16	73.4	4	28.5	3	33.1	8	48.6	8	65.2	5	5.7
Public hospital/clinic	59	29.1	1	0			7	32.7	8	40.2					6	49			3	21.9	3	14.4	31	40.8
Private hospital/clinic/GP	2	0.8																	1	3.8			1	1.3
Clinics at NGOs	105	41.4	11	38.3	4	62.2	9	29.1	8	30			5	26.6	3	22.5	12	66.9	5	25.7	4	20.4	44	52.2
Denominator - Those who are currentiv on ART	240		17		6		26		23		6		21		13		15		17		15		81	

Table H5. What was the result of your most recent viral load test from the last 12 months?

Variable - Q1008	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Suppressed viral load (<1,000 copies/ml)	139	58.8	11	41.2	3	54.1	15	58.3	16	66.5	4	55.6	7	25.6	5	37.6	5	39	6	29.5	3	20.1	64	80
Not suppressed viral load	22	8.1					1	4.6	5	23							6	35.2	4	16	2	7.9	4	4.3
I didn't have a VL test in last 12 months	29	11.1	6	7.6			2	6.9	2	10.6			3	11.4	3	15.5	4	25.8	1	6.3			8	9.6
Don't know/remember	50	22.1			3	45.9	8	30.2			2	44.4	11	63	5	46.9			6	48.3	10	72	5	6.1
Denominator - Those who are currently on ART	240		17		6		26		23		6		21		13		15		17		15		81	

Table H6. What do you think your chances of transmitting HIV to a sexual partner?

Variable - Q1009	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No chance	51	18	7	13.4			9	19.5	7	34.1	1	10.4	5	26.6			1	9.5	4	23.2	9	53.9	8	6.8
Small Chance	58	23	2	0	3	48.6	6	16.7	7	30.8	1	10.4	4	20.7	2	10.6	3	29.3	2	11	5	22.6	23	28.5
Moderate Chance	68	25.3	4	1.5	2	29.7	7	24.8	6	27.7	4	54.2	6	22	5	29.2	4	19.5	5	23.2	1	4.2	24	28.5
Great Chance	76	30.5			1	21.6	8	30.1	3	7.4	1	25	7	28.1	11	60.2	7	41.8	5	36.4	2	17.5	31	36.1
I don't have a sexual partner	7	2.6	4	0			1	5.3					1	2.6					1	6.3				
No Answer	2	0.6					1	3.5													1	1.8		
Denominator - Those who received HIV positive result	262		17		6		32		23		7		23		18		15		17		18		86	

Table H7. Ever heard of pre-exposure prophylaxis

Variable - Q1101	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	2959	67.2	131	30.6	140	74.0	295	91.8	566	86.4	37	10.7	354	73.4	229	73.0	218	44.3	149	41.1	365	91.4	475	76.1
Yes	1654	32.5	318	69.4	47	26.0	28	8.2	67	13.6	301	87.6	127	26.6	103	27.0	273	55.7	207	58.9	38	8.6	145	22.6
Don't know	15	0.3									5	1.7											10	1.3
Denominator - Those with self-reported negative or indeterminate HIV status	4628		449		187		323		633		343		481		332		491		356		403		630	

Table H8. Ever taken pre-exposure prophylaxis

Variable - Q1102	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	1629	97.6	318	100	47	100	28	100	66	99	293	94.5	124	97.7	103	100	265	96.3	207	100	37	96.9	141	92.1
Yes	25	1.6							1	1	10	4.3	3	2.3			8	3.7			1	3.1	2	1.1
Don't know	15	0.9									3	1.2											12	6.8
Denominator - excluding those haven't heard of PrEP	1669		318		47		28		67		306		127		103		273		207		38		155	

Table H9. PrEP has similar side effects to other drugs used to treat HIV. Would you take PrEP to help prevent HIV?

Variable - Q1103	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	2494	53.7	304	70.6	34	16.8	188	59.3	316	54.6	291	88.1	205	42.4	263	78.6	144	30.8	242	71.5	262	62.3	245	37.1
Yes	2056	45.4	145	21.3	153	83.2	133	40.5	316	45.4	22	5.8	272	57.3	69	21.4	339	69.2	114	28.5	140	37.7	353	58.9
Don't know	52	0.9					2	0.2			19	5.9	1	0.2									30	4
No answer	1	0									1	0.2												

Table H10. The average cost per month would be around 20,000-30,000 MMK. Would you take PrEP if you pay for it?

Variable - Q1104	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3180	69.3	419	90.1	54	27.7	226	70.2	416	69.1	257	76.1	365	74.9	301	91.8	189	40.5	263	77.7	265	63.3	425	68.6
Yes	1370	29.8	30	4.6	132	71.7	97	29.8	216	30.9	60	18.7	112	24.8	31	8.2	294	59.5	93	22.3	137	36.7	168	26.8
Don't know	53	1			1	0.6					16	5.3	1	0.4									35	4.6

Table H11. Among those with self-reported negative or indeterminate HIV status, taken pre-exposure prophylaxis in the last 6 months

Variable - Q1105	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	8	36.9									3	37.1					5	61.8						
Yes	17	63.1							1	100	7	62.9	3	100			3	38.2			1	100	2	100
Denominator - among those who ever take PrEP	25								1		10		3				8				1		2	

Table H12. From where you usually get PrEP?

Variable - Q1106	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Government hospital/ Clinic	7	23.1									6	67.8									1	100		
NGO	10	43.8									3	22.4	1	23.1			6	79.4						
Pharmacy	3	10.8							1	100	1	9.8	1	38.5										

[illegible]

Table H13. Do you take PrEP daily as prescribed or non-daily as prescribed?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1107																								
Daily as prescribed	18	63.9							1	100	9	95.1	1	23.1			4	44.1				100	2	100
Non-daily as prescribed	7	36.1									1	4.9	2	76.9			4	55.9						
Denominator - among those who ever take PrEP	25								1		10	3				8					1		2	

Table H14. Have you heard of PEP?

[illegible]

Table H15. Have you ever taken PEP?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1109																						
No	1472	98.5	21	100	122	100	21	95.4	47	97.5	309	98.5	140	99.2	274	100	248	99.5	166	99.9	100	87.8
Yes	13	0.8					1	4.6	1	2.5	5	1.5	1	0.8			1	0.5			4	3.5
Don't know	12	0.7																			12	8.7
No answer	1	0																	1	0.1		

Table H16. In the last 6 months, have you taken PEP?

	All sites	Bago		Lashio		Magway		Mandalay	Meiktila	Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon
Variable - Q110	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	5	24.8				1	100			1	100	1	100	1	100				2	12.3

Table H17. Why did you take PEP?

Table H18. If you think you came into contact with HIV, would you go to a health care worker and ask for this medicine?

I. Exposure to Stigma, discrimination and violence

Table 11. In the last 12 months, how often do you feel that if you disclosed receiving money or gifts in exchange for sex to some people, they would not talk to you anymore?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Pathelim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1201																								
Never	1631	30.6	168	38.7	94	46.7	153	42.4	347	55.2	155	42.3	106	21.1	45	13.2	71	13.4	56	16.8	182	45.3	154	20.6
Sometimes	2182	43.8	250	50.2	91	49.2	121	34.7	204	28	115	33.5	199	41.2	180	42.1	335	68.7	216	57	201	45.3	270	37.2
Often	704	14.5	40	9	5	2.4	37	10.8	59	9.3	54	16.1	112	21.3	28	8.8	82	14.7	91	23.1	4	1.1	192	27.7
Always	472	11.1	8	2.2	3	1.7	43	11.9	46	7.6	26	8.1	87	16.4	97	35.9	18	3.2	10	3	34	8.3	100	14.5
No answer	1	0					1	0.3																
Denominator - All	4800		466		103		355		656		350		504		350		506		373		421			716

Table I2. In the last 12 months, how often did you feel that if you disclosed receiving money or gifts in exchange for sex to some people, you would be threatened with violence?

Variable - Q1202	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	2207	46.6	173	42.8	126	63.1	275	77	381	62	155	41.7	123	25.7	243	64.4	92	19	60	20.7	312	74.2	267	36.6
Sometimes	1704	33.5	162	34.2	66	36	65	18.8	167	21.6	130	39.5	217	42.7	50	14	351	69.2	173	44	63	14.5	260	35
Often	703	13.5	87	14.7			10	2.8	81	12	50	13.9	118	23.2	9	3.3	60	11.3	136	34.1	23	5.2	129	19.1
Always	274	6.3	44	8.3	1	0.9	5	1.4	27	4.4	13	4.4	46	8.5	48	18.2	3	0.4	4	1.3	23	6.1	60	9.3
No answer	2	0									2	0.5												
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table I3. In the last 12 months, how often have you been afraid of seeking health care because you receive money or gifts in exchange for sex?

Variable - Q1203	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	2389	49.9	198	40.4	150	75.6	225	60.4	361	59	145	44.3	265	54.6	114	34.6	239	46.5	74	24.5	314	76.1	304	40.4
Sometimes	1719	33.9	246	53.8	41	23.2	77	22.9	187	26.3	138	40.3	150	29.3	146	35.5	194	40.6	215	54.7	84	18.7	241	33.7
Often	553	11	20	5.2	1	0.4	27	9.1	61	9.2	57	12.8	66	12	47	13.1	61	11	79	18.4	12	2.5	122	18.6
Always	229	5.2	2	0.6	1	0.9	26	7.6	47	5.4	10	2.6	23	4.1	43	16.9	12	1.9	5	2.3	11	2.8	49	7.4
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table I4. In the last 12 months, how often has your family or relatives rejected you because you receive money or gifts in exchange for sex?

Variable - Q1204	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	2528	53.4	95	20.5	155	82.5	288	79.8	532	78.5	143	43.6	285	56.6	215	68	154	31.1	106	31.8	167	43.2	388	53.6
Sometimes	1212	24.7	116	25.3	32	14.6	24	8.1	68	12.3	70	20.9	126	25.4	113	26.3	155	31.1	167	41.8	191	43.1	150	21
Often	742	14.4	165	36.8	3	1.1	13	3.3	40	6.1	55	13.8	54	11.1	16	4.2	188	36.3	91	23	23	4.7	94	13.5
Always	406	7.5	90	17.5	3	1.8	30	8.8	16	3.1	82	21.8	39	6.9	6	1.5	9	1.5	9	3.3	40	9	82	11.6
No answer	2	0																					2	0.3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table I5. In the last 12 months, how often have you been hit or beaten up due to being a sex worker?

Variable - Q1205	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	3638	76.5	206	50.2	181	93.7	317	90.2	607	91.4	217	57.6	334	65.9	331	95.4	333	67.5	153	41.9	368	88.7	591	83
Sometimes	990	18.8	161	31.9	12	6.3	29	7.5	43	7.7	120	38.7	141	27.6	18	4.3	156	29.6	165	44.5	47	9.9	98	13.2
Often	201	3.8	60	11.8			5	1.3	4	0.5	12	3.6	28	6.4	1	0.3	16	2.8	53	13.3	1	0.3	21	2.8
Always	59	0.9	39	6.2			4	0.9	2	0.4			1	0.1			1	0	2	0.3	5	1.1	5	0.8
No answer	2	0									1	0.1											1	0.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table I6. In the last 12 months, how often has anyone physically forced you to have sexual intercourse when you didn't want to?

Variable - Q1206	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	3530	75	212	49.2	178	91.5	325	92.5	577	86.6	190	48.6	306	61.4	329	94.6	333	68.3	116	37.3	373	89.5	591	83.6
Sometimes	1150	21.5	233	46.8	15	8.5	28	6.8	72	11.5	133	43.2	152	31	20	5.3	147	27.4	195	49.5	43	9.4	112	14.9
Often	185	3	18	3.5			2	0.7	4	0.7	25	7.4	38	6.4	1	0.1	24	4	61	13	1	0.3	11	1.2
Always	25	0.5	3	0.6					3	1.2	2	0.8	8	1.2			2	0.4	1	0.2	4	0.8	2	0.3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table I7. In the last 12 months, how often have you had sexual intercourse when you didn't want because you were afraid of what a client might do?

Variable - Q1207	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	3482	73.1	246	54.1	170	88.4	305	87.1	558	82.9	200	49.6	331	64.9	333	95.6	322	66.2	111	35.8	373	88.8	533	74.9
Sometimes	1199	23.3	200	41.8	23	11.6	45	11.8	92	16.2	125	42.5	148	30.9	16	4.3	148	26.9	188	46.7	45	10.5	169	23.5
Often	187	3.2	15	3.2			4	0.9	5	0.7	25	8	23	3.8	1	0.1	29	5.4	71	16.6	1	0.3	13	1.5
Always	22	0.4	5	0.9			1	0.2	1	0.2			2	0.4			7	1.4	3	0.9	2	0.5	1	0.1
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table I8. In the last 12 months, how often has a client forced you to do something sexual that you found degrading or humiliating?

Variable - Q1208	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	3311	71.8	327	67	173	90.2	279	78.9	543	84.4	40	11.5	190	40.3	333	96.2	388	79	106	34.6	384	91.5	548	78
Sometimes	1197	21.9	115	26.9	19	9.2	68	19.1	101	14.2	214	62.1	162	33.3	17	3.8	110	19.9	203	49.7	34	7.3	154	20.4

Often	295	4.8	24	6.1	1	0.6	5	1.3	12	1.5	90	24.3	80	14.8		8	1.1	60	15	1	0.8	14	1.6
Always	86	1.5					3	0.8			5	1.9	72	11.6				4	0.8	2	0.5		
No answer	1	0									1	0.2											
Denominator - All	4890		466		193		355		656		350		504	350		506		373		421		716	

Table I9. In the last 12 months, how often have you been harassed by police or other authorities because of exchanging sex for money or gifts?

Variable - Q1209	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Never	3146	67.7	233	50.9	160	83.4	233	66.3	518	79.8	117	34.9	379	77.6	306	91.5	213	42.9	152	44.9	385	92.2	450	63.5
Sometimes	1314	24.7	124	26.6	30	15.4	90	25	94	13.5	171	47.3	110	20.8	40	8.1	258	51.2	171	43.2	35	7.6	191	25.6
Often	323	5.7	42	8.2	2	0.8	26	7.2	32	5.4	59	17.1	9	0.9	3	0.3	30	4.9	48	11.3	1	0.2	71	10.1
Always	107	1.9	67	14.2	1	0.4	6	1.4	12	1.2	3	0.8	6	0.8	1	0.1	5	1	2	0.6			4	0.8
Denominator - All	4890		466		193		355		656		350		504	350	350		506		373		421		716	

Table I10. Have you ever been arrested or detained? (by any cause)

Variable - Q1210	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4347	89.9	399	87	174	91	298	85.1	601	89.9	292	84.2	484	97.4	336	97.2	467	93.4	280	78.8	408	96.7	608	84.8
Yes	540	10	67	13	19	9	57	14.9	55	10.1	58	15.8	20	2.6	14	2.8	39	6.6	93	21.2	10	2.5	108	15.2
No answer	3	0.1																			3	0.8		
Denominator - All	4890		466		193		355		656		350		504	350	350		506		373		421		716	

Table I11. Have you ever been arrested or detained because of exchanging sex for money or gifts?

Variable - Q1211	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	85	15.4	7	12.9	3	15.3	10	16.1	7	15.7	11	23	4	18	7	46.8	1	2.7	23	23.9	3	17.8	9	9
Yes	454	83.8	60	87.1	16	84.7	47	83.9	48	84.3	46	76	16	82	7	53.2	38	97.3	70	76.1	7	58.3	99	91
No answer	4	0.8									1	0.9									3	23.9		
Denominator - excluding those haven't been arrested by any cause	543		67		19		57		55		58		20		14		39		93		13		108	

J. HEP B, HEP C & HIV Blood Testing

Table J1. Have you ever been tested for Hepatitis B?

Variable - Q1301	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4078	84.5	444	94.8	152	80.9	339	95.7	564	85.9	231	68.9	354	72.4	340	97.3	467	93	325	88.4	341	80.8	521	73.2
Yes	812	15.5	22	5.2	41	19.1	16	4.3	92	14.1	119	31.1	150	27.6	10	2.7	39	7	48	11.6	80	19.2	195	26.8
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J2. When did you have your most recent Hepatitis B test?

Variable - Q1302	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Less than 12 months ago	415	47.7	13	57.1	24	64.8	4	25.5	50	52.7	86	67.9	53	33.3	5	42.1	13	31.6	23	52.9	40	44.6	104	52
More than 12 months and less than five years ago	308	40.3	5	24.9	15	32.4	7	43.2	34	36.8	26	25.5	69	44.1	3	42.7	22	58.9	20	38.6	35	48	72	39
More than five years ago	86	11.7	4	18.1	2	2.9	5	31.3	8	10.6	7	6.6	28	22.6	1	10.7	4	9.5	5	8.5	5	7.4	17	8
Don't know	3	0.4													1	4.6							2	1
Denominator - Those ever been tested for Hepatitis B	812		22		41		16		92		119		150		10		39		48		80		195	

Table J3. What was the result of your last Hepatitis B test?

Variable - Q1303	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Negative	777	95.8	22	100	39	97.1	13	84	88	97.3	118	99.3	149	99.2	8	89	37	96.9	47	97.1	75	94.5	181	92.8
Positive	30	3.8			2	2.9	1	5.1	2	1.3	1	0.7	1	0.8	1	6.4	2	3.1	1	2.9	5	5.5	14	7.2
Don't know	5	0.5					2	10.9	2	1.4					1	4.6								
Denominator - Those ever been tested for Hepatitis B	812		22		41		16		92		119		150		10		39		48		80		195	

Table J4. Have you ever taken medicine to treat your Hepatitis B infection?

Variable - Q1304	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	16	44.7					2	74.5	2	50.5					1	41.7	1	33.3			3	44.4	7	50.8
Yes	18	51.5			2	100	1	25.5	2	49.5	1	100	1	100	1	58.3	1	66.7	1	100	2	55.6	6	41.4

[illegible]

Table J5. Have you ever been tested for Hepatitis C?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1305																								
No	4110	85.1	445	94.9	151	80.5	341	96.3	565	86.2	230	68.6	357	72.9	343	98	474	94.1	334	89.8	337	79.9	533	74.8
Yes	780	14.9	21	5.1	42	19.5	14	3.7	91	13.8	120	31.4	147	27.1	7	2	32	5.9	39	10.2	84	20.1	183	25.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J6. When did you have your most recent Hepatitis C test?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1306																								
Less than 12 months ago	407	48.9	13	59.1	25	65.4	4	29.5	50	53.5	86	67.7	52	33	3	28.3	12	33.8	20	58.9	43	47.5	99	52.9
More than 12 months and less than five years ago	287	38.8	5	25.7	15	31.8	5	34.3	33	35.8	27	25.8	69	44.9	3	57.3	16	55.2	13	28.1	34	43.6	67	38.3
More than five years ago	86	12.3	3	15.2	2	2.8	5	36.2	8	10.7	7	6.5	26	22.1	1	14.3	4	11	6	12.9	7	9	17	8.8
Denominator - Those ever been tested for Hepatitis C	780		21		42		14		91		120		147		7		32		39		84		183	

Table J7. What was the result of your last Hepatitis C test?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1307																								
Negative	761	97.5	21	100	40	97.2	13	92.1	88	97.7	120	100	147	100	7	100	31	97.6	38	96.7	78	92.9	178	97.6
Positive	17	2.3			2	2.8	1	7.9	1	0.9							1	2.4	1	3.3	6	7.1	5	2.4
Don't know	2	0.1							2	1.4														
Denominator - Those ever been tested for Hepatitis C																								
	780		21		42		14		91		120		147		7		32		30		84			183

Table J8. Have you ever taken medicine to treat your Hepatitis C infection?

	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Variable - Q1308																								
No	10	46.8	0						3	100	3	100	3	100	3	100					4	59.5	3	50.7

Yes	9	53.2	0			2	100	1	100	1	100	2	40.5	2	49.3
Denominator - Excluding those with "Negative" Hepatitis C	19					2		1				6		5	

Table J9. HIV final test result

Variable -	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
HIV-	4492	91.7	440	94.4	180	94.0	313	88.9	621	93.7	341	97.8	477	95.8	324	93.5	467	92.9	355	94.3	388	93.3	586	81.9
HIV +	395	8.2	26	5.6	13	6.0	42	11.1	34	6.1	9	2.2	27	4.2	26	6.5	39	7.1	18	5.7	33	6.7	128	17.8
Indeterminate	3	0.1							1	0.2													2	0.3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J10. Syphilis test results

Variable -	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Negative	4357	88.5	403	85.9	162	85.3	339	95.9	606	92.0	340	97.6	465	93.4	306	86.8	440	87.1	326	83.9	386	90.6	584	81.7
Positive	533	11.5	63	14.1	31	14.7	16	4.1	50	8.0	10	2.4	39	6.6	44	13.2	66	12.9	47	16.1	35	9.4	132	18.3
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J11. Hepatitis B Ag test result

Variable -	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4682	95.6	440	95.1	179	92.4	335	94.5	641	98.0	343	97.7	473	93.4	346	98.5	471	93.3	363	96.6	402	95.6	689	96.0
Yes	208	4.4	26	4.9	14	7.6	20	5.5	15	2.0	7	2.3	31	6.6	4	1.5	35	6.7	10	3.4	19	4.4	27	4.0
Indeterminate																								
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J12. Hepatitis C Ab screening test result

Variable -	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4818	98.6	462	99.2	191	99.2	354	99.8	644	98.4	347	99.3	500	99.4	349	99.6	493	97.5	364	97.7	412	98.3	702	98.0
Yes	72	1.4	4	0.8	2	0.8	1	0.2	12	1.6	3	0.7	4	0.6	1	0.4	13	2.5	9	2.3	9	1.7	14	2.0
Indeterminate																								
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J13. HIV-syphilis coinfection

Variable -	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4760	97.2	450	96.2	188	98.0	346	97.9	653	99.6	350	100	494	98.7	339	97.3	491	97.3	369	98.0	413	98.0	667	93.4
Yes	130	2.8	16	3.8	5	2.0	9	2.1	3	0.4	0		10	1.3	11	2.7	15	2.7	4	2.0	8	2.0	49	6.6
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table J14. HIV-HEP B co-infection

Variable -	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4860	99.4	462	99.3	190	98.7	354	99.7	655	100	350	100	502	99.8	350	100	502	99.4	373	100	417	99.1	705	98.3
Yes	30	0.6	4	0.7	3	1.3	1	0.3	1	0.0	0		2	0.2	0		4	0.6			4	0.9	11	1.7
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

K. Exposure to Intervention

Table K1. Visit a ___ during 2019

Variable - Q1401	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3454	72.5	434	91.5	138	74.7	242	70.5	543	80.1	132	39.7	440	86.5	321	93.4	371	74.6	7	4	361	86.9	465	64.8
Yes	1436	27.5	32	8.5	55	25.3	113	29.5	113	19.9	218	60.3	64	13.5	29	6.6	135	25.4	366	96	60	13.1	251	35.2
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table K2. Did you receive an HIV test from ___ in 2019?

Variable - Q1402	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheim		Pyay		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	4024	85.4	436	92.3	135	74.4	317	89.8	574	86.2	72	24.9	464	92.1	327	95.1	474	94.1	303	84.5	349	84.3	573	80.2
Yes	866	14.6	30	7.7	58	25.6	38	10.2	82	13.8	278	75.1	40	7.9	23	4.9	32	5.9	70	15.5	72	15.7	143	19.8
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table K3. Did you get a jade pendant?

Variable - Q1403	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
No	3958	82.6	464	99.3	127	71.5	287	83.3	560	81.7	220	68.8	293	61.3	254	78.3	456	91.4	308	84.8	379	90.9	610	85
Yes	932	17.4	2	0.7	66	28.5	68	16.7	96	18.3	130	31.2	211	38.7	96	21.7	50	8.6	65	15.2	42	9.1	106	15
Denominator - All	4890		466		193		355		656		350		504		350		506		373		421		716	

Table K4. Can you show it to me?

Variable - Q1404	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Cannot show	98	11.5	1	60	12	18	1	1.7	46	48.4			20	7.5							1	4.3	17	14.3
Shows the wrong object	27	2.8	1	40	3	3.1	1	1	5	5.5	4	2.4	1	0.4	5	4			3	8.4			4	3.6
Shows the right object	807	85.6			51	78.9	66	97.2	45	46.1	126	97.6	190	92.1	91	96	50	100	62	91.6	41	95.7	85	82.1
Denominator - Those who got a jade pendant	932		2		66		68		96		130		211		96		50		65		42		106	

Table K5. We have distributed some of these objects. Can you identify the one you may have received?

Variable - Q1405	All sites		Bago		Lashio		Magway		Mandalay		Meiktila		Monywa		Pakkoku		Patheingyi		Pyaw		Taunggyi		Yangon	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Identified the correct object	118	92.9	2	100	14	94.1	2	100	49	95.6	4	100	21	100	5	100					1	100	20	95.8
Could not identify correctly	7	7.1			1	5.9			2	4.4									3	100			1	4.2
Denominator - Those who cannot show/ show the wrong object in Q1404	125		2		15		2		51		4		21		5				3		1		21	

